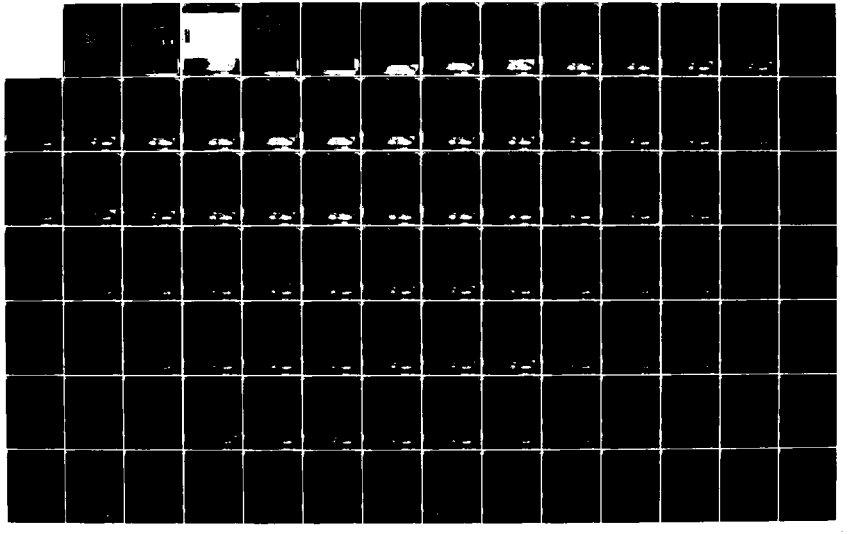
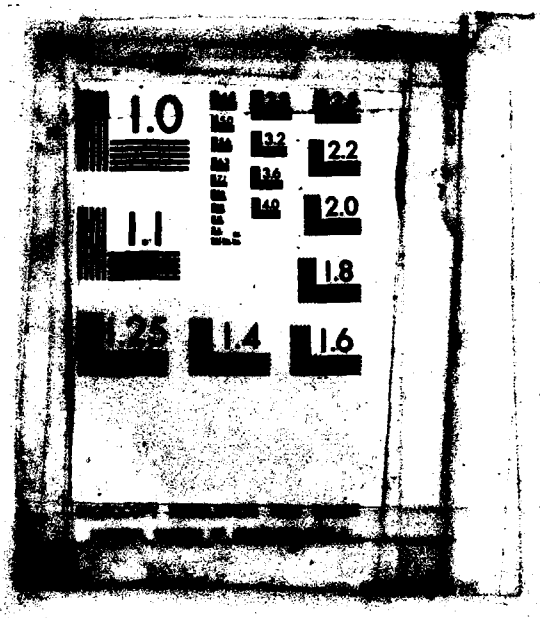
AD-A150 092 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 1/4
KINGSVILLE TEXAS(U) NAVAL OCEANOGRAPHY COMMAND
DETACHMENT ASHEVILLE NC SEP 84

UNCLASSIFIED F/G 4/2 NL




1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2

PHOTOGRAPH THIS SHEET

AD-A150 392

DTIC ACCESSION NUMBER

II

LEVEL

1

INVENTORY

SMOS, Kingsville, TX.
Sep 1984

DOCUMENT IDENTIFICATION

DISTRIBUTION STATEMENT A
Approved for public release;
Distribution Unlimited

DISTRIBUTION STATEMENT

ACCESSION FOR
NTIS GRA&I ☒
DTIC TAB ☐
UNANNOUNCED ☐
JUSTIFICATION

BY
DISTRIBUTION /
AVAILABILITY CODES
DIST | AVAIL AND/OR SPECIAL
A-1 | 23 cy

DISTRIBUTION STAMP

323

DTIC
ELECTE
S FEB 14 1985 D
D

DATE ACCESSIONED

DATE RETURNED

85 02 13 075

DATE RECEIVED IN DTIC

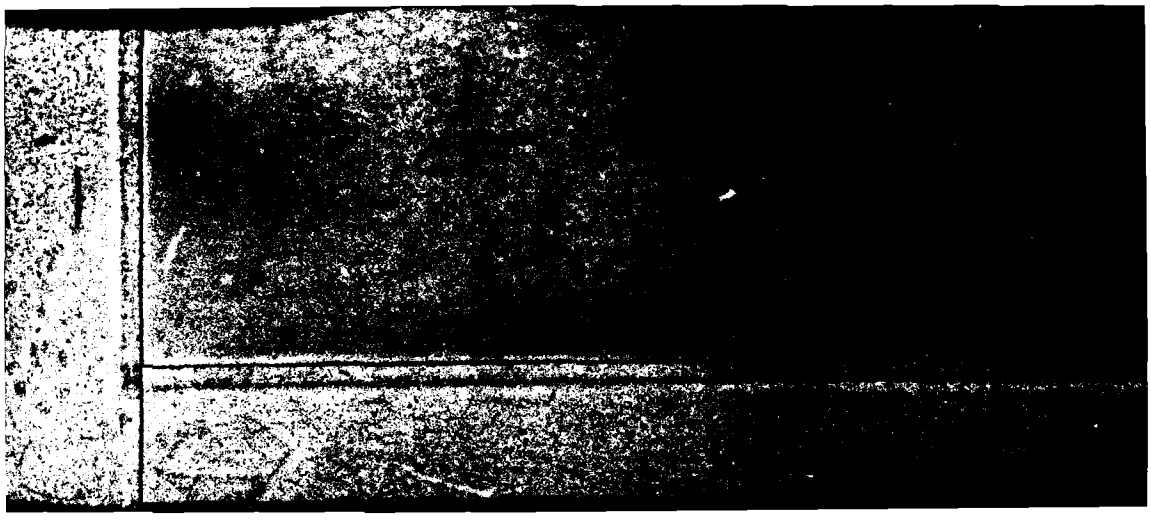
REGISTERED OR CERTIFIED NO.

PHOTOGRAPH THIS SHEET AND RETURN TO DTIC-DDAC

DTIC FORM 70A

DOCUMENT PROCESSING SHEET

PREVIOUS EDITIONS MAY BE USED UNTIL STOCK IS EXHAUSTED.



DISCLAIMER NOTICE

THIS DOCUMENT IS BEST QUALITY PRACTICABLE. THE COPY FURNISHED TO DTIC CONTAINED A SIGNIFICANT NUMBER OF PAGES WHICH DO NOT REPRODUCE LEGIBLY.

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Summary of Meteorological Observations, Surface (SMOS) Kingsville, TX		5. TYPE OF REPORT & PERIOD COVERED Reference Report 1973-1982 6. PERFORMING ORG. REPORT NUMBER
7. AUTHOR(s) NA		8. CONTRACT OR GRANT NUMBER(s)
9. PERFORMING ORGANIZATION NAME AND ADDRESS Naval Oceanography Command Detachment Federal Building Asheville, NC 28801		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
11. CONTROLLING OFFICE NAME AND ADDRESS Commanding Officer Naval Oceanography Command Facility NSTL, MS 39529-5002		12. REPORT DATE September 1984 13. NUMBER OF PAGES 358
14. MONITORING AGENCY NAME & ADDRESS(if different from Controlling Office)		15. SECURITY CLASS. (of this report) Unclassified 15a. DECLASSIFICATION/DOWNGRADING SCHEDULE

16. DISTRIBUTION STATEMENT (of this Report)

Approved for public release; distribution unlimited.

17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)

18. SUPPLEMENTARY NOTES

19. KEY WORDS (Continue on reverse side if necessary and identify by block number)

Climatology, surface wind, temperature, precipitation, ceiling, visibility, relative humidity, station pressure, extreme temperatures, sea level pressure, daily temperature, weather conditions, monthly climatology, coastal region, snow depth, and cloud cover

20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

This data report consists of a six part statistical summary of surface weather observations. The six parts are: Part A - Weather Conditions/ Atmospheric Phenomena, Part B - Precipitation/Snowfall/Snow Depth, Part C - Surface Winds, Part D - Ceiling versus Visibility/Sky Cover, Part E - Psychrometric Summaries, Part F - Station Pressure/Sea Level Pressure

DD FORM 1 JAN 73 1473 EDITION OF 1 NOV 65 IS OBSOLETE S/N 0102-LF-014-6601

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)



SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

This update includes the period of record (POR) 1973 through 1982, with all available data through 1982 for extreme values.

This summary should be retained by individual stations along with the SMOS prepared in 1973. The retention of these summaries will provide the most comprehensive climatological file for your station.

DESCRIPTION: Preceding each section is a brief description of the data comprising each part of the summary and the manner of presentation. Tabulations are prepared from 3-hourly and daily observations recorded by stations operated by the U.S. Navy and U.S. Marine Corps. 3-hourly observations are defined as these record or record-special observations recorded at scheduled 3-hourly intervals. Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations (prepared from record-special, local, summary of the day, remarks, etc.).

COMMENT: All observations summarized in this tabulation have been computer edited for consistency and reasonableness prior to, or during the processing stage. Efforts to improve the quality of the data after summarization are expensive, i.e., the improvement might consist of the elimination of one suspect or erroneous value. The cost of preparing "perfect" copy can be prohibitive due to the handwork involved. Suspect cases will occur infrequently, but users should not disregard extreme values completely as some could be valid. Questionable values will most likely be single occurrences shown by a percentage frequency of "0". (This value indicates a percent less than ".05," which, in most cases, reflects a single observation.) Since most stations summarized now have in excess of 10,000 3-hourly observations, the occurrence of an occasional spurious value should not in itself be considered significant. Every effort is made by this office to maintain a high degree of accuracy and reliability in these tables, and the Naval Oceanography Command Detachment (NOCD), Asheville, N.C. welcomes your comment and criticisms.



STATION NUMBER	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV (FT.)	CALL SIGN	WBAN NUMBER
12928	Kingsville, Texas	27°30'N	97°49'W	50	KNQI	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF SAME LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION FROM	AT THIS LOCATION TO	LATITUDE	LONGITUDE	ELEVATION ABOVE MSL FEET	ELEVATION ABOVE MSL TYPE BAROMETER	OBS PER DAY
1.	Weather office, hangar #760	NS		1954	27°30'N	97°49'W	60	Mercurial	24
2.	" " " "	"		1954	"	"	60	"	24
1a.	Weather service office, Bldg 1770	"	1954	1968	"	"	55	Aneroid	24
2a.	" " " " "	NAAS	1954	1965	"	"	58	"	24
2b.	" " " " "	NAS	1965		"	"	57	"	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION: LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
1.	1954	Discontinued	Selsyn	Double register		1. Barograph (7 day open scale) 2. Semi-auto met. station (GMQ-14) 3. Ceiling light (ML/121) 4. Cloud set (AN/GMQ-13C) 5. Transmissometer (AN/GMQ-10C) 6. Radar Fax Recorder (GMH-6(V) 7. Closed circuit TV (AN/GMQ 27-V) 8. Sta. press. alt. (Kollsman) 9. Pilot to forecaster transmitter/ receiver (AN-413A/6) 10. Tpg. bucket rain gauge (GMQ-14) 11. RVR LB-1348 12. Alt. stg. centr. indic. C-7826/F
2.	1954	Installed transmitter on roof of operations building. Recorder is located in weather service office, building 1770.	AN/UMQ-5B	RD-108/ UMQ-5	62' Above Ground	
3.	1961	Transmitter 500' west of operations building # 1770 .	UMQ-5C	RD-108B	20'	

NWSD. Federal Building
Asheville, N. C.

NOCD, Federal Building
Asheville, N. C.

PART A WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from 3-hourly observations, and is presented in three tables as follows:

1. By month and annual, all hours and years combined.
2. By month and annual, all hours and years combined, by wind direction.
3. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

NOTE: The total number of observations may vary among tables within the same month and period. Percentages may not always equal 100.0 due to rounding practices.

PART A ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

Percentage Frequency of Wind Direction vs. Weather Conditions - This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and years combined. The main body of the Summary consists of weather conditions (horizontally) and wind directions (vertically) to 16 compass points (plus calm). Column totals show the number of observations. "% Total" indicates percentage frequency of occurrences.

WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

STATION	STATION NAME	YEARS	MONTH
[illegible]	KINGSVILLE, TX	51-79	ALL

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	2.6	48.1	.8	.8	.1	48.2	55.9	18.2		1.2	59.3	868
FEB		3.3	36.8	.1	.5	.1	36.9	49.9	22.3		4.2	59.4	791
MAR		4.3	37.0			.1	37.0	50.0	25.6		6.3	60.6	868
APR		9.2	35.0			.1	35.0	50.4	34.4		6.0	64.0	840
MAY		15.6	34.4			.2	34.4	45.6	34.7		3.2	60.5	868
JUN		15.4	38.2				38.2	31.3	19.8		3.9	41.5	870
JUL		12.5	23.5			.1	23.5	25.7	14.3		4.8	35.3	899
AUG		17.6	29.6				29.6	28.9	14.2		3.8	34.1	899
SEP		19.5	41.5				41.5	36.7	23.4		1.5	45.5	870
OCT		6.9	29.8			.1	29.8	44.3	22.9		1.0	52.1	899
NOV		2.3	33.7		.3		33.7	48.7	19.2		1.1	50.7	870
DEC		1.9	37.8	.1	.2	.1	37.8	50.1	18.4		1.3	53.5	899
TOTALS		9.3	34.4	.1	.1	.1	34.5	42.7	22.3		3.2	51.4	10397

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
12[illegible]28	KINGSVILLE, TX	73-82	JAN

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	[illegible]0	.3	12.3	.6			12.9	21.0	1.0			21.3	310
	0[illegible]		17.1	.3			17.4	26.5				26.5	310
	06	.3	16.[illegible]	.6			17.4	34.2	.6			34.8	310
	09		15.6				15.8	42.9	7.7			47.4	310
	1[illegible]	.3	9.7	.3	.3		10.0	19.7	8.1		.6	27.1	310
	1[illegible]		11.[illegible]				11.6	15.8	6.1		.6	21.6	310
	1[illegible]		10.[illegible]	.6			11.3	14.4	8.8			23.9	31[illegible]
	21		12.3	.3			12.6	18.7	.6			19.[illegible]	310
TOTALS		.1	13.3	.3	.[illegible]		13.6	24.7	3.9		.2	27.7	2480

NAVWEASERVCOM

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	KINGSVILLE, TX	73-82	FEB

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHE
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	01	.4	6.0	.4	.4		6.7	17.7	1.4			18.4	282
	07		12.1		.4		12.4	29.4	.4			29.8	282
	13	.4	13.5				13.9	34.8				34.8	282
	19	.4	11.3				11.3	39.3	16.0		.7	51.4	282
	1		9.2				9.2	18.7	11.3		1.1	27.0	282
	1	.4	7.4				7.4	13.6	9.9		.7	20.9	282
	1		7.8				7.8	12.1	9.6			20.6	281
	21	.4	5.3	.4	.4		5.7	12.8	2.1			14.9	282
TOTALS		.3	9.1	.1	.2		9.3	21.6	6.3		.3	27.2	2256



WEATHER CONDITIONS

1[illegible] | [illegible]VILLE, TX | 73-82 | MAR

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00	1.0	6.1				6.1	16.1	2.[illegible]		.3	16.1	31[illegible]
	0[illegible]		6.5				6.5	23.5	.3		.3	24.2	310
	[illegible]	.3	10.0				10.0	32.6	.6			32.9	31[illegible]
	[illegible]	.6	9.7				9.7	34.2	12.9		.6	43.5	31[illegible]
	1[illegible]	.3	6.5				6.5	11.0	11.0		1.3	21.9	310
	1[illegible]		4.2				4.2	7.1	11.3		.6	17.7	310
	1[illegible]		4.5				4.5	8.5	13.5		.3	18.4	31[illegible]
	21	.6	6.1				6.1	11.3	8.1		.3	17.7	310
TOTALS		.4	6.7				6.7	17.8	7.5		.5	24.3	2480

NAVWEASERVCOM

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	KINGSVILLE, TX	73-82	APR

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	01	.3	6.7				6.7	15.7	3.3			17.3	300
	07	1.3	7.7				7.7	24.7	1.7			25.3	300
	13	1.0	10.0				10.0	43.0	6.0			47.3	300
	19	.7	8.3				8.3	19.7	19.3		.3	34.0	300
	1[illegible]	1.3	6.3				6.3	4.0	14.7		.3	18.7	300
	1[illegible]	1.0	6.3				6.3	3.7	14.0		1.0	19.0	300
	1[illegible]	.7	4.3				4.3	4.0	16.3		.7	20.0	300
	21	1.0	5.7				5.7	7.0	6.3			12.0	300
TOTALS		.9	6.9				6.9	15.2	10.2		.3	24.1	2400

NAVWEASERVCOM

WEATHER CONDITIONS

12926	KINGSVILLE, TX	73-82	MAY
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00	2.3	3.5				3.2	10.0	5.8			13.9	310
	03	1.9	5.8				5.8	19.0	5.8			22.3	310
	06	1.3	5.5				5.5	53.2	20.0			69.8	310
	09	.3	5.2				5.2	12.3	23.5			31.9	310
	12	1.9	6.1				6.1	1.3	16.5			17.7	310
	15	.6	3.2				3.2	.6	15.5			15.8	310
	18	1.0	3.2				3.2	1.0	14.8			17.4	310
	21	.6	1.6				1.6	3.2	9.4			11.3	310
TOTALS		1.2	4.2				4.2	12.6	14.2			29.8	2950

NAVWEASERVCOM

WEATHER CONDITIONS

12921 KINGSVILLE, TX 73-82 JUN

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00	.7	2.7				2.7	.7	1.0			1.3	300
	03	.7	2.0				2.0	7.3	1.3			8.3	300
	06	1.0	3.3				3.3	45.3	17.3			57.0	300
	09	1.3	3.3				3.3	3.3	11.3			12.3	300
	12	3.7	9.0				9.0	.3	4.0			4.3	300
	15	3.3	6.0				6.0	.3	4.7			5.0	300
	18	1.0	3.0				3.0		4.3		.3	4.7	300
	21	.3	2.0				2.0		1.3			1.3	300
TOTALS		1.0	3.9				3.7	3.0	5.7		.0	21.4	2400

NAVWEABSVCCEN



WEATHER CONDITIONS

12929 KINGSVILLE, TX 73-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00	.3	1.3				1.3	.3	.6			1.0	310
	03	.6	3.2				3.2	2.9	1.3			3.5	310
	06	.6	2.9				2.9	13.2	19.2			28.7	310
	09	.6	4.2				4.2	2.3	7.7			9.4	310
	12	1.3	5.8				5.8	.6	3.9			4.5	310
	15	3.9	4.8				4.8	.3	3.2			3.5	310
	18	.6	1.9				1.9	.3	0.0			5.2	310
	21	1.0	2.3				2.3		1.3			1.3	310
TOTALS		1.1	3.3				3.3	3.8	3.6			5.6	2920

WEATHER CONDITIONS

1[illegible]2A KINGSVILLE, TX 73-82 AUG

(STATION) (STATION NAME) (YEARS) (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00	.3	1.9				1.9	1.0	2.3			2.6	310
	03	1.0	2.6				2.6	4.5	2.9			7.7	310
	06	1.0	3.5				3.5	43.9	14.5			49.0	310
	09	.3	5.5				5.5	5.2	11.3			13.5	310
	12	4.5	4.8				4.8	.3	5.8		.6	6.8	310
	15	5.2	8.4				8.4	.3	6.1		1.6	7.7	310
	18	1.6	2.9				2.9		4.8		1.3	6.1	310
	21	.3	1.6				1.6		1.3			1.3	310
TOTAL		1.5	3.9				3.9	7.3	4.6		.9	11.8	2988

WEATHER CONDITIONS

12912F | KINGSVILLE, TX | 73-82 | SEP

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00	1.7	3.0				3.0	3.3	6.3			6.0	300
	03	1.0	3.0				3.0	11.7	6.3			14.3	300
	06	1.7	3.7				3.7	38.7	7.7			37.3	300
	09	.3	6.0				6.0	10.0	20.0			25.0	300
	12	1.3	6.7				6.7	3.0	11.0			12.3	300
	15	3.7	8.3				8.3	1.0	9.3			10.0	300
	18	1.0	3.3				3.3	1.3	11.7			12.3	300
	21	1.0	2.7				2.7	1.3	5.0			5.3	300
TOTALS		1.5	4.6				4.6	8.4	9.2			15.3	2400

NAVWEASERVCOMA



WEATHER CONDITIONS

1928 (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00	.3	4.8				4.8	6.1	1.3			6.5	310
	03	.6	4.2				4.2	12.3				12.3	310
	06	.6	7.7				7.7	25.5	2.3			26.8	310
	09		5.5				5.5	10.3	14.2			23.5	310
	12		7.4				7.4	2.6	4.2			6.8	310
	15	1.3	4.8				4.8	2.3	3.2			5.5	310
	18	.3	4.5				4.8	2.6	5.8			8.4	310
	21	.3	4.2				4.2	1.6	1.9			3.5	310
TOTALS		.4	5.4				5.4	7.9	4.1			11.6	2480

NAVWEASERVCOM

WEATHER CONDITIONS

12-24 | KINGSVILLE, TX | 77-82 | NOV

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00	.7	6.3				6.3	12.7	1.7			13.7	300
	03	.3	7.3		.3		7.7	22.7	2.3			24.0	300
	06	.3	6.7				6.7	31.3	2.3			32.0	300
	09		6.3				6.3	29.0	13.3			38.0	300
	12		5.7		.3		5.7	9.0	10.3			17.3	300
	15		6.7				6.7	6.7	5.3			11.7	300
	18	.7	6.0				6.0	6.7	11.7			17.7	300
	21	.3	6.3				6.3	8.0	1.3			8.7	300
TOTALS		.2	5.9		.1		6.0	15.8	6.0			20.4	2408

NAVWEASERVCOM



WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	KINGSVILLE, TX	73-82	DEC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00	.3	8.4		.3		8.4	15.2	1.0		.3	15.8	310
	03		6.7				6.7	22.9	1.6			23.5	31[illegible]
	06		10.6				10.6	24.5	.6		.3	24.8	31[illegible]
	09		6.8				6.8	32.6	10.3		.3	40.6	310
	12		6.1				6.1	11.0	6.8		.6	16.5	310
	15		8.4				8.4	8.7	5.5		.3	14.2	310
	18		7.4				7.4	11.0	7.1		.3	16.8	309
	21		6.5				6.8	9.7	.3			9.7	309
TOTALS		.0	7.9		.0		7.9	17.0	4.2		.3	20.8	2478

NAVWEASERVCOM

WEATHER CONDITIONS

12928 KINGSVILLE, TX 73-82 ALL

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.1	13.3	.3	.0		13.6	24.7	3.9		.2	27.7	2480
FEB		.3	9.1	.1	.2		9.3	21.6	6.3		.3	27.2	2296
MAR		.4	6.7	.			6.7	17.8	7.5		.5	24.3	2480
APR		.9	6.9				6.9	15.2	10.2		.3	24.1	2400
MAY		1.2	4.2				4.2	12.6	14.2			24.8	2480
JUN		1.5	3.9				3.9	7.2	5.7		.0	11.5	2400
JUL		1.1	3.3				3.3	6.2	4.6			9.6	2480
AUG		1.8	3.9				3.9	7.2	6.4		.4	13.8	2480
SEP		1.5	4.6				4.6	8.4	9.2			15.3	2400
OCT		.4	5.4				5.4	7.9	4.1			11.6	2480
NOV		.3	5.9		.1		6.0	15.9	6.0			20.4	2400
DEC		.0	7.9		.0		7.9	17.8	4.2		.3	20.2	2976
TOTALS		.8	6.3	.0	.0		6.3	13.5	6.9		.2	19.8	29814

NAVWEASERVCOM



4

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

12928	KINGSVILLE, TX	JANUARY 1973-DECEMBER 1982	JANUARY	
STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	8.5		13.0	.6					27.1	1.7	3.1			64.7
NNE	8.9	2.1	16.0	2.1	.4			.4	28.7	.4	3.9			61.3
NE	7.0	.8	13.3					.8	27.3		7.0			63.3
ENE	6.9	1.4	8.2						16.7		16.7			66.7
E	5.1	4.0	7.1						29.3		8.1			61.6
ESE	1.9		2.8						23.1	.9	2.8			75.0
SE	1.8	2.1	.5						16.1	1.6	5.7			77.2
SSE	1.5	.5	1.5					.5	12.7	1.5	1.0		.5	82.8
S	.5		.5						9.3	2.1	4.1			85.5
SSW			2.0						13.7	2.0	5.9			80.4
SW			4.5						18.2	4.5				77.3
WSW	5.6								5.9	5.9				82.4
W	2.9	2.9	2.9						8.6				2.9	85.7
WNW	8.7		11.6						23.3		9.3			65.1
NW	4.0	1.0	16.2						26.3	2.0	2.0		2.0	63.6
NNW	7.5	1.3	12.1						26.3	2.1	2.1			65.8
VARIABLE														
CALM	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]			[illegible]
TOTAL	124	23	208	9	1			3	663	48	96		4	1711
% TOTAL	5.0	.9	8.4	.4	.0			.1	22.7	1.9	3.9		.2	69.1

TOTAL NUMBER OF OBSERVATIONS 2,477

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

12128	KINGSVILLE, TX	JANUARY 1973-DECEMBER 1982	FEBRUARY	
STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	4.7	.2	10.1	.5	.2			.5	24.6	1.0	6.4			67.1
NNE	9.9		12.4						30.7	1.0	7.4			58.9
NE	16.0	2.1	6.4						27.7	6.4	12.8			53.2
ENE	6.6	3.3	7.7						30.8	5.5	12.1			53.4
E	3.4	1.7						1.7	15.8	6.0	10.3			68.1
ESE	2.[illegible]		3.5						16.0	1.7	7.0			72.1
SE	2.[illegible]	.8	1.7					.4	11.3	1.3	5.9			79.8
SSE	.[illegible]	.5	.5						7.2	2.7	5.0		.5	84.7
S			1.9						14.3	1.9	3.1			81.4
SSW									8.9	1.8	5.4			85.7
SW									4.8		4.8			90.5
WSW									3.6					96.4
W	2.4								12.2				2.4	82.9
WNW	2.6	2.6	10.3						10.3		10.3		2.6	74.4
NW	2.3		9.3						24.4	2.3	4.7			67.4
NNW	5.7	.7	8.5		.7	.7			18.4	2.1	4.3		.7	71.6
VARIABLE														
CALM	[illegible]		[illegible]						[illegible]	[illegible]	[illegible]			[illegible]
TOTAL	89	13	120	2	2	1		5	427	59	143		4	1606
% TOTAL	3.9	.6	5.3	.1	.1	.0		.2	18.9	2.6	6.3		.2	71.2

TOTAL NUMBER OF OBSERVATIONS 2,28[illegible]

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

12928 (STATION) KINGSVILLE, TX (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) MARCH (MONTH) _____ (HOURS (L.S.T.))

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	2.5	1.7	6.6					.4	15.7	.4	5.4			74.8
NNE	4.3	.6	9.3						27.2	.6	9.3			63.0
NE	7.1	1.2	4.9					2.5	19.8	3.7	4.9			66.7
ENE	8.2	3.1	5.2					2.1	21.6	3.1	11.3			54.6
E	3.8		4.8						25.2	2.2	6.5			64.5
ESE	.6	.3	2.7					.3	16.9	1.8	10.6			72.5
SE	.5	.9	2.4						12.2	1.3	9.2			77.3
SSE		.4	3.5						10.9	1.4	7.4			79.3
S	.6	.6	1.9						9.4	1.3	6.9			80.0
SSW									15.4		5.1			79.5
SW	3.4								6.9	3.4	10.3			82.8
WSW									8.3		4.2			87.5
W		5.9						2.9	5.9					88.2
WNW		3.4						3.4	6.9		6.9			82.8
NW			8.8						11.3	3.8	1.3		1.3	81.3
NNW	2.1	1.7	3.4					.8	11.0	.8	4.2			79.7
VARIABLE														
CALM	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]			[illegible]
TOTAL	47	22	100					9	395	46	184		1	1819
% TOTAL	1.0	.9	4.0					.4	15.9	1.9	7.4		.0	73.3

TOTAL NUMBER OF OBSERVATIONS 2,480

NAVWEASERVCOM



4

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

1128	KINGSVILLE, TX	JANUARY 1973-DECEMBER 1982	APRIL	
STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	4.5	7.8	5.2					3.5	16.5	1.3	5.7			66.5
NNE	3.0	3.0	3.0					1.0	15.0	1.0	5.0			73.0
NE	5.3	2.1	3.2					1.1	22.1	1.1	15.8			61.1
ENE	1.6	2.0	5.1					1.0	21.4	2.0	16.3		1.0	62.2
E	1.5	3.1	1.9					1.5	13.0	3.8	9.6		.8	69.7
ESE	.7	1.7	2.4					.2	7.1	2.1	9.5		.2	79.8
SE	1.0	1.0	1.8					.6	8.8	.4	15.0		.2	75.4
SSE	.4	1.2	3.2						11.1	2.4	13.0			73.1
S	.8	1.8							13.8	3.7	8.3		.9	72.5
SSW									15.6	3.1	6.3			78.1
SW														100.0
WSW														100.0
W		6.7						6.7	6.7	13.3	6.7			66.7
WNW		10.5						5.3	10.5		5.3			73.7
NW	2.7		2.7						10.2		2.7			75.7
NNW	5.5	6.8	4.1					1.4	9.6	4.1	4.1			74.0
VARIABLE														
CALM	4	2.8	2.8						34.6	9.8	3.3			51.6
TOTAL	44	61	62					22	310	55	245		6	1730
% TOTAL	1.8	2.5	2.6					.9	12.9	2.3	10.2		.3	72.1

TOTAL NUMBER OF OBSERVATIONS 2,400

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

12928	KINGSVILLE, TX	JANUARY 1973-DECEMBER 1982	MAY	
STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	.5	.8	1.6					1.6	16.0	3.2	10.4			72.0
NNE	3.1	9.2	1.0					5.1	14.3	7.1	18.2			62.2
NE	3.4	9.2						8.9	14.9	3.4	8.0			65.5
ENE	3.8	3.8						1.8	9.8	5.7	13.3			71.4
E	1.1	1.8	.7					.7	12.0	1.8	17.2			69.7
ESE	1.1	1.8	.4						6.0	1.6	17.8			75.0
SE	.2	1.3	1.0					.6	7.3	1.7	15.9			78.7
SSE	.7	1.4							7.2	1.0	13.0			80.1
S	.6	2.5							7.4	4.1	17.2			71.3
SSW		16.7						16.7			5.6			77.8
SW	11.1	11.1						11.1	22.2					66.7
WSW		5.9						5.9	5.9	5.9	5.9			82.4
W	5.9	5.9						5.9	5.9	5.9	5.9			76.5
WNW		7.7						7.7			7.7			84.6
NW		10.7						3.6	7.1	7.1	3.6			75.0
NNW	3.2							3.2	9.6	3.2	3.2			83.9
VARIABLE														
CALM	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]	[illegible]			[illegible]
TOTAL	29	65	12					31	237	75	349			1811
% TOTAL	1.2	2.6	.5					1.3	9.6	3.0	14.1			73.0

TOTAL NUMBER OF OBSERVATIONS 2,480

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

12928 KINGSVILLE, TX JANUARY 1973-DECEMBER 1982 JUNE

STATION STATION NAME YEARS MONTH HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N		7.7	1.5						9.2	4.6	7.7			73.8
NNE	1.5	9.0						1.5	4.5	6.0	9.0			71.6
NE	6.3	10.4	2.1					2.1	10.4		6.3			62.5
ENE		11.6						2.9	7.2	1.4	5.8			75.4
E	1.3	6.0						2.1	2.1	1.3	6.0			82.8
ESE	.5	1.5						1.3	2.8	.5	4.6			90.6
SE	.2	1.6						.9	1.2	1.0	5.4			91.3
SSE	.5	1.6						1.2	2.3	1.9	5.6			89.2
S		1.9						1.4	1.4	1.4	4.3			91.4
SSW	4.0	4.0						4.0			8.0			84.0
SW		16.7						16.7	16.7		16.7			66.7
WSW		10.0							20.0	10.0	10.0			50.0
W	7.1	7.1						7.1		7.1				78.6
WNW		9.1						9.1						90.9
NW		10.0						5.0	15.0	25.0	10.0			40.0
NNW		11.4						11.4	17.1	11.4	8.6			57.1
VARIABLE														
CALM	1.6	.5							31.4	31.6	6.7			57.6
TOTAL	15	74	2					36	89	83	136			2023
% TOTAL	.7	3.2	.1					1.5	3.7	3.5	5.7			86.3

TOTAL NUMBER OF OBSERVATIONS 2,400

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

12928 KINGSVILLE, TX JANUARY 1973-DECEMBER 1982 JULY

STATION STATION NAME YEARS MONTH HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	7.1	3.6							14.3	10.7	10.7			57.1
NNE		9.4							6.3	3.1	6.3			78.1
NE	9.7	6.5						6.5	9.7	3.2	3.2			74.2
ENE	7.3	9.8						8.4	4.9	4.9	7.3			70.7
E	1.3	5.2						1.9	3.2	4.5	3.9			82.5
ESE	.8	1.5						.8	.8	1.7	4.8			90.9
SE	.2	1.5						1.1	1.5	1.7	5.2			90.4
SSE	1.2	1.0	.2					.2	1.4	2.4	3.6			91.7
S	.7	1.8	.4					1.4	.7	2.1	3.9			91.9
SSW		4.0						8.0		4.0	4.0			84.0
SW		11.1							11.1		22.2			66.7
WSW		30.0						20.0						70.0
W	22.2	11.1						11.1						66.7
WNW								25.0						75.0
NW		16.7							16.7		16.7			66.7
NNW									21.4	14.3	14.3			57.1
VARIABLE														
CALM	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]			[illegible]
TOTAL	24	54	2					26	52	103	115			2157
% TOTAL	1.1	2.2	.1					1.1	2.1	4.2	4.6			87.0

TOTAL NUMBER OF OBSERVATIONS 2,480

NAVWEASERVCOM



4

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

12928 (STATION) KINGSVILLE, Tx (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) AUGUST (MONTH) _____ (HOURS L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N		6.7						2.2	17.8	12.2	14.4			54.4
NNE	8.8	3.5						3.5		8.8	8.8			71.9
NE		6.0						2.0	8.0	6.0	18.0			66.0
ENE	4.5	5.6						2.2	6.7	5.6	11.2			68.5
E	1.3	2.2						3.5	2.6	.9	6.2			86.3
ESE	1.4	1.7						1.2	.5	.5	4.3			91.8
SE	1.1	1.1	.2					.9	1.1	1.5	5.1		1.7	89.5
SSE	1.5	1.8						1.5	.8	1.3	3.8		.8	90.6
S		2.6						1.6	1.0	2.6	3.6			93.3
SSW		3.4									6.9			89.7
SW		12.5						12.5						81.3
WSW	7.7								7.7		7.7			76.9
W		14.3						14.3	7.1	7.1	14.3			50.0
WNW								11.1	11.1		22.2			66.7
NW	5.3							4.2	4.3	12.5	25.0			52.5
NNW		2.6						5.1	20.5	7.7	23.1			59.0
VARIABLE														
CALM	1.4	1.8						1.4	1.4	1.4	3.4			70.8
TOTAL	38	57	1					45	81	95	158		11	2079
% TOTAL	1.5	2.3	.0					1.8	3.3	3.8	6.4		.4	83.9

TOTAL NUMBER OF OBSERVATIONS 2,479

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

12928	KINGSVILLE, TX	JANUARY 1973-DECEMBER 1982	SEPTEMBER	
STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	5.3	2.7	.8					2.3	9.8	8.3	11.7			69.7
NNE	8.6	2.9	.6					2.9	9.7	8.7	15.4			66.3
NE	1.2	6.0							8.4	2.6	10.3			69.9
ENE		10.2						3.1	3.1		12.2			76.8
E	1.2	2.1						1.7	2.1	.4	5.4			89.7
ESE	.7	2.9						.4	1.1		6.1			90.3
SE		2.4						1.4	.7	1.4	7.8			88.7
SSE	.4	2.6						1.7	.9	1.7	7.7			88.1
S		1.2						.6	1.8	2.5	6.9			89.6
SSW									4.2		8.3			87.5
SW		15.0						15.0	5.0		5.0			75.0
WSW	5.3								15.8	5.3	5.3			73.7
W	2.8								2.8		8.3			86.1
WNW	3.5									7.1	21.4			75.0
NW	2.9								12.9	5.7	11.4			77.1
NNW									8.3	6.6	17.4			73.4
VARIABLE														
CALM	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]	[illegible]			[illegible]
TOTAL	43	64	3					35	116	86	220			1942
% TOTAL	1.8	2.7	.1					1.5	4.8	3.6	9.2			80.9

TOTAL NUMBER OF OBSERVATIONS 2,400

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

12928 (STATION) KINGSVILLE, TX (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) OCTOBER (MONTH) _____ (HOURS (L.S.T.))

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	5.7	2.3	1.7					1.0	8.4	3.4	4.6			76.8
NNE	7.1	3.8	1.4						8.7	5.2	8.1			71.1
NE	6.7	2.9	1.0					1.0	6.7	2.9	7.7			75.0
ENE		2.6							1.2		6.8			91.7
E	.5	3.8						1.4	3.3	1.4	4.3			87.7
ESE	.4	1.7						.4	2.1	.8	3.3			92.6
SE		1.3	.3					.3	1.3	.6	4.2			92.3
SSE	.4	.8							2.8		2.8			94.9
S	.7	3.6						.7	1.4		5.8			89.8
SSW		3.3						3.3	6.7		3.3			83.3
SW	4.5													95.5
WSW											7.1			92.9
W	4.3								8.7		4.3			87.0
WNW	6.9	2.4	4.9						4.9	4.9				82.9
NW	3.0								9.0	3.0	3.0			83.6
NNW	8.1	2.9	2.8						11.8	2.2	1.5			77.2
VARIABLE														
CALM		[illegible]							[illegible]	[illegible]	[illegible]			[illegible]
TOTAL	69	80	15					11	129	67	102			2894
% TOTAL	2.8	3.0	.6					.4	5.2	2.7	4.1			84.4

TOTAL NUMBER OF OBSERVATIONS 2,490

RAYWEASERVCOM

4

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

12928 KINGSVILLE, TX JANUARY 1973-DECEMBER 1982 NOVEMBER

STATION STATION NAME YEARS MONTH HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	7.8	1.2	4.1					.6	17.1	2.0	4.1			72.5
NNE	3.1	.6	3.7						17.8	2.5	8.6			71.8
NE	3.2		3.2						10.8	3.2	9.7			73.3
ENE	2.9		2.9					1.4	8.6	1.4	12.9			73.7
E									4.9	3.3	9.8			83.7
ESE	1.7	.6	.6						5.0	1.1	5.5			87.3
SE	.4	.4							5.7	.4	7.5			87.5
SSE		1.4	.5						6.3	.9	2.7			89.2
S	.5	1.1	.5					1.6	11.6	2.1	6.9			79.9
SSW		3.6							10.3	3.6	3.6			79.3
SW	5.0								5.0		5.0			85.0
WSW			5.3						15.8	5.3	5.3			73.7
W	2.6		7.7						17.9	7.7	10.3			69.2
WNW	2.7	2.7	5.4						16.2		2.7			81.1
NW	4.9		5.4		.9				21.6	.9	1.8			70.3
NNW	6.2	.4	6.8		.4				16.4	2.1	6.8			70.9
VARIABLE														
CALM	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]	[illegible]			[illegible]
TOTAL	74	16	58		2			7	388	70	145			1855
% TOTAL	3.1	.7	2.4		.1			.3	16.5	2.9	6.0			77.2

TOTAL NUMBER OF OBSERVATIONS 2,400

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

1[illegible]28	KINGSVILLE, TX	JANUARY 1973-DECEMBER 1982	DECEMBER	
STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	4.9	.2	6.0						15.4	1.1	5.8			76.6
NNE	4.5	1.5	3.0						9.5	1.5	5.5			78.6
NE	6.7		5.6						20.2		5.6			69.7
ENE	7.0		1.8						7.0	7.0	12.3			66.7
E	2.1		4.3						13.6		3.2			83.0
ESE	2.7		4.1						12.3		1.4			84.9
SE	2.3		1.9						12.5	2.3	4.2		.5	81.0
SSE	1.1		1.1						12.6		4.2			83.7
S	.5		.4						7.3	1.2	4.0		.8	87.2
SSW			2.1						14.9	2.1	6.4			78.7
SW			3.4						20.7					79.3
WSW									12.1	3.0	6.1			84.8
W			8.1						13.5		5.4			78.4
WNW	2.9	1.4	11.6						26.6		1.4			72.5
NW	8.8		13.7						19.7	4.3	2.6			69.2
NNW	5.6	.4	11.2						19.9	3.7	1.9			69.7
VARIABLE														
CALM	[illegible]		[illegible]						[illegible]	[illegible]	[illegible]			[illegible]
TOTAL	85	6	118						373	47	102		3	1903
% TOTAL	3.4	.2	4.8						15.1	1.9	4.1		.1	76.8

TOTAL NUMBER OF OBSERVATIONS 2,477

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

12920	KINGSVILLE, TX	JANUARY 1973-DECEMBER 1982	ALL	
STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	5.6	1.8	6.0	.2	.0			.9	17.6	2.4	6.1			70.1
NNE	6.2	2.7	6.0	.3	.1			.9	17.0	2.9	8.0			67.6
NE	6.2	3.3	4.1					1.5	16.8	2.5	10.8			66.5
ENE	3.8	4.3	2.4					1.3	12.3	3.0	11.6		.1	69.1
E	1.7	2.7	1.2					1.4	9.4	2.1	7.9		.1	78.0
ESE	1.1	1.6	.9					.5	6.0	1.2	7.7		.0	84.0
SE	.8	1.2	.8					.6	5.6	1.3	7.9		.2	84.3
SSE	.7	1.1	.7					.5	5.9	1.5	5.8		.1	86.4
S	.5	1.3	.5					.7	6.1	2.0	5.5		.1	85.7
SSW	.2	2.0	.5					1.7	8.9	1.5	5.7			82.2
SW	1.9	3.7	.9					3.3	8.9	.9	4.2			82.2
WSW	1.4	2.3	.5					1.4	8.3	2.8	4.1			82.9
W	2.9	2.9	2.2					2.2	6.9	2.5	4.5		.6	79.0
WNW	2.6	2.6	6.1					1.8	12.9	1.2	6.4		.3	76.0
NW	4.3	.9	7.2		.1			.4	18.0	3.9	4.4		.4	71.3
NNW	5.2	1.5	6.6		.1	.1		.7	17.0	3.1	5.1		.1	71.0
VARIABLE														
CALM	1.4	1.0	1.2					.4	11.6	3.4	3.6			84.4
TOTAL	686	507	701	11	5	1		232	3088	834	1995		29	22728
% TOTAL	2.3	1.7	2.4	.0	.0	.0		.8	10.5	2.9	6.8		.1	77.8

TOTAL NUMBER OF OBSERVATIONS 29,289

NAVWEASERVCOM



NOCD. Federal Building
Asheville, N. C.

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION	DERIVED FROM DAILY OBSERVATIONS
SNOWFALL*	DERIVED FROM DAILY OBSERVATIONS
SNOW DEPTH	DERIVED FROM DAILY OBSERVATIONS

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.

2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations	From beginning of record thru 1945	Snow depth at 0800 LST
	Jan 46-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT
U. S. Navy and Weather Bureau Stations	From beginning of record thru Jun 52	Snow depth at 0030 GCT
	Jul 52-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT

* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956, and after Dec 1979.

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

1 2 STATION | KINGSVILLE, TX STATION NAME | 51-82 YEARS

39653

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	55.7	19.7	2.4	8.1	3.9	4.6	3.4	1.5	.5	.3				24.7	961	1.60	9.69	.07
FEB	61.2	17.5	3.7	5.6	2.9	2.7	3.1	2.3	.9	.2				21.3	876	1.63	8.14	TRACE
MAR	62.7	21.9	3.2	5.0	2.2	1.6	1.5	.9	.3	.1				15.7	961	.75	8.59	TRACE
APR	74.5	19.7	1.7	4.6	2.3	2.4	1.3	2.5	1.0		.1			15.8	930	1.51	8.22	TRACE
MAY	74.4	17.1	2.3	2.4	1.9	3.2	3.7	2.9	2.5	.4				18.6	961	2.79	11.35	.27
JUN	73.7	8.9	1.0	4.6	1.8	4.8	2.9	2.5	2.6	.6				20.1	960	3.03	12.43	.02
JUL	78.7	8.2	1.2	3.0	1.9	3.0	1.9	1.7	2.2	.2				15.2	930	2.15	12.00	TRACE
AUG	71.9	9.8	1.2	3.1	2.9	3.9	3.9	2.4	2.6	.5		.1		20.1	992	3.41	20.96	TRACE
SEP	71.7	13.3	2.1	5.4	2.9	4.1	4.4	5.8	2.9	.4	.3			30.4	960	4.58	19.35	.48
OCT	67.9	11.0	1.4	4.2	2.2	3.3	2.6	2.9	2.2	.5	.1			19.6	992	2.93	10.63	TRACE
NOV	68.1	16.2	2.2	4.4	2.5	3.4	2.6	1.8	.8					17.6	930	1.89	5.04	.01
DEC	62.9	19.6	2.7	5.8	2.5	3.1	2.5	1.3	.4	.1				18.5	992	1.11	6.70	.02
ANNUAL	65.2	14.9	2.1	4.7	2.5	3.5	2.8	2.4	1.6	.3	.0	.0		19.9	11445	26.75		

NAVWEASERVCOM

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

1 STATION | [illegible]SVILLE, TX STATION NAME | 51-82 YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	[illegible]9.[illegible]	.5	.2		.1									.3	961	.1	2.3	.[illegible]
FEB	[illegible]9.[illegible]	.2	.1		.1									.2	876	.1	2.2	.[illegible]
MAR	[illegible]00.[illegible]														961	.0	.0	.[illegible]
APR	[illegible]00.[illegible]														930	.0	.0	.[illegible]
MAY	[illegible]00.[illegible]														961	.0	.0	.[illegible]
JUN	[illegible]00.														930	.0	.0	.0
JUL	[illegible]00.0														930	.0	.0	.[illegible]
AUG	[illegible]00.0														992	.0	.0	.[illegible]
SEP	100.0														930	.0	.0	.[illegible]
OCT	100.0														992	.0	.0	.0
NOV	[illegible]9.8	.2													900	TRACE	TRACE	.[illegible]
DEC	[illegible]9.8	.2													961	TRACE	TRACE	.0
ANNUAL	[illegible]9.[illegible]	.1	.[illegible]		.[illegible]									.0	11294	.2		

NAVWEASERVCOM



DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SWC DEPT.
(FROM DAILY OBSERVATIONS)

1[illegible]2 KINGSVILLE, TX 51-82
STATION STATION NAME YEARS

39657

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	[illegible]														961			
FEB	[illegible]	.1													848			
MAR	[illegible]														961			
APR	[illegible]														930			
MAY	[illegible]														961			
JUN	[illegible]														930			
JUL	[illegible]														899			
AUG	[illegible]														992			
SEP	[illegible]														899			
OCT	[illegible]														992			
NOV	[illegible]														960			
DEC	[illegible]														961			
ANNUAL	[illegible]	.1													11285			

NAVWEASERVCOM



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

[illegible] STATION | KINGSVILLE, TX STATION NAME | 51-82 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
1						.15		.12	5.84	2.45	.36	.02	
2	.06	.23	.07	.26	.73	.25	1.02	.00	.71	.00	.46	.30	1.02
3	.43	.63	.47	.15	.42	.02	.42	3.17	1.10	1.14	.16	.44	3.17
4	.37	.00	.64	.99	1.15	2.33	.24	.65	.98	1.60		.10	
5	.30	3.11	.06	.23	.84	.33	1.38	.59	3.56	.82	.68	.26	3.56
56	.67	.11	1.21	1.33	2.29	.45	.60	.12	.62	1.38	.40	.30	2.29
57	.10	.75	.89	.95	3.05	1.90	.00	.87	1.74	1.53	1.45	.71	3.05
58	.03	1.66	.14	.13	1.58	1.35		1.16	1.42	2.78	.39	.81	
[illegible]	.31	.09	.00	.71	1.06	1.07	1.00	1.20	.37	.80	.65	.73	1.25
	.61	.80	.59	.39	.50	.85	.85	1.25	.30	2.60	.49	3.47	3.47
1	.48	1.58	.01	1.05	.34	2.29	1.59	1.51	1.07	.08	.36	.40	2.29
2	.56	.04	.45	1.91	.13	1.62	1.37	.75	.72	.19	.44	1.18	1.91
3	.10	.50	.04	.39	.53	.60	.41	.09	1.36	.54	1.62	.24	1.62
4	.29	.73	.19	.79	.68	.88	1.98	.50	.62	.17	.03	.56	1.98
5	.54	1.77	1.11	.21	1.59	1.87	1.69	1.42	.95	1.76	.30	.67	1.87
6	.72	.35	.39	1.25	2.86	2.88	.10	3.61	.71	.61	.15	.41	3.61
67	1.38	.93	.03	.20	1.21	.05	.81	1.25	6.85	1.25	.10	1.06	6.85
68	.36	.69	.48	.51	2.72	1.00	1.78	.80	.46	2.38	.78	.08	2.72
69	.22	1.12	.12	.53	1.23	.39	.10	1.94	3.67	.65	1.62	.39	3.67
70	.64	.55	.68	.14	1.59	3.31	.62	2.58	.77	2.38	.63	.02	3.31
71	.03	.05	.00	1.32	.53	2.88	.13	1.62	2.10	1.13	.11	2.27	2.88
72	.76	3.34	.93	1.09	.93	1.99	2.04	1.17	1.33	.47	.53	.06	3.34
73	1.34	.96	.03	.84	.51	3.50	.73	2.03	5.43	6.04	.06	.03	6.04
74	.51	.00	2.65	.00	.77	.63	.24	.37	1.66	.52	1.18	.27	2.65
75	1.64	.31	.03	.11	1.06	1.25	2.37	1.79	1.04	1.84	.51	.59	2.37
76	.63	.08	.52	5.42	.98	1.01	3.98	.78	1.00	3.28	.99	.46	5.42
77	.46	.50	.27	.89	1.31	1.16	.33	.45	.62	1.20	1.92	.02	1.92
78	.77	.47	.01	.80	1.11	2.24	.65	1.08	1.93	.90	.39	1.45	2.24
79	.48	.29	.63	2.19	1.48	1.30	1.36	.96	1.48	.17	.31	.54	2.19
80	.32	.73	.37	.02	1.75	.12	.96	15.05	1.99	.26	1.83	.18	15.05
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

1 [illegible] KINGSVILLE, TX 51-82
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]1	1.57	1.[illegible]2	.84	.98	1.[illegible]5	2.39	2.07	2.52	.35	3.78	.01	.4[illegible]	3.78
[illegible]2	.07	1.86	.1[illegible]	.94	1.03	.4[illegible]	.00	1.27	.29	.14	.59	.42	1.86
MEAN	.6[illegible]	.84	.9[illegible]	.84	1.[illegible]7	1.[illegible]3	1.[illegible]2	1.[illegible]6	1.[illegible]6	1.[illegible]9	.6[illegible]	.5[illegible]	[illegible]
S.D.	.612	.810	.[illegible]87	1.015	.9[illegible]5	1.[illegible]81	.[illegible]91	2.[illegible]96	1.[illegible]65	1.[illegible]09	.[illegible]68	.706	[illegible]
TOTAL OBS.	961	876	961	930	961	960	930	992	960	992	930	992	[illegible]

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

1? ? KINGSVILLE, TX 51-82
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTHS/

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
4											.29		PRECIP
											29		DAYS
58							.00						PRECIP
							19						DAYS
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

12 28 — STATION
KINGSVILLE, TX — STATION NAME
51-82 — YEARS

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
51						.0		.0	.0	.0		.0	
52	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	
53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
54	.0	.0	.0	.0	.0	.0	.0	.0		.0		.0	
55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	
59	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
62	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	.0	1.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.9
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
80	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

41 23 — STATION
KINGSVILLE, TX — STATION NAME
51-82 — YEARS

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
81	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
82	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MEAN	.08	.04	.01										
S.D.	.14	.00	.01										
TOTAL OBS.	61	87	61										

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

41 23 — STATION
KINGSVILLE, TX — STATION NAME
51-82 — YEARS

24 HOUR AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTHS/

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
51											.0 29		SNOFALL
													DAYS
52				.0 29									SNOFALL
													DAYS
53												.0 30	SNOFALL
													DAYS
54									.0 29		.0 29		SNOFALL
													DAYS
55							.0 18						SNOFALL
													DAYS
56						.0 27							SNOFALL
													DAYS
MEAN													
S.D.													
TOTAL OBS.													

SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

12 2F — STATION
KINGSVILLE, TX — STATION NAME
51-82 — YEARS

DAILY SNOW DEPTH IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
51								0	0	0		0	
52	0	0	0		0	0	0	0	0	0	0	0	
53	0	0	0	0	0	0	0	0	0	0	0		
54	0	0	0	0	0	0	0	0		0		0	
55	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0		0	0	0	0		0	0	0	0	0	
59	0	0	0	0	0			0	0	0	0	0	
60	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0	0	0
79	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

41 2[illegible] KINGSVILLE, TX 51-82
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]1	0	0	0	0	0	0	0	0	0	0	0	0	0
[illegible]2	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S.D.	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS.	961	868	961	900	931	900	899	931	901	902	900	961	[illegible]

SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

1128 KINGSVILLE, TX 51-82
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES
/BASED ON LESS THAN FULL MONTHS/

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
51						3					29		SNO DPTH
													DAYS
52				29									SNO DPTH
													DAYS
53												30	SNO DPTH
													DAYS
54									29		29		SNO DPTH
													DAYS
58		27					19						SNO DPTH
													DAYS
59						24	30						SNO DPTH
													DAYS
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

12928	[illegible]INESVILLE, TX	1946-1948 1952-1983
STATION	STATION NAME	YEARS

JANUARY
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	[illegible]76	7	1977			
2	0.42	11	1977			
3	0.39	10	1966			
4	[illegible]03	77	1958			
5	2.73	69	1958			
6	0.31	8	1959			
7	0.13	3	1961			
8	[illegible]34	9	1968			
9	1.39	35	1967	2.3	58	1967
10	[illegible]60	46	1946			
11	[illegible]71	20	1978	T	T	1973
12	[illegible]00	25	1946			
13	1.39	34	1967	T	T	1963
14	0.24	6	1976			
15	0.28	7	1964			
16	[illegible]43	11	1953			
17	[illegible]87	22	1956	0.1	3	1981
18	0.36	9	1968			
19	1.57	40	1981			
20	[illegible]34	9	1979	0.1	3	1961
21	0.80	20	1946	T	T	1966*
22	1.64	42	1975			
23	2.95	75	1958			
24	[illegible]55	14	1973			
25	[illegible]51	13	1978			
26	[illegible]11	3	1974			
27	0.10	3	1957			
28	[illegible]10	3	1946			
29	[illegible]84	12	1979			
30	0.76	19	1972			
31	[illegible]68	14	1972			
Monthly	[illegible]03	77	1958	2.3	58	1967

FEBRUARY
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.99	25	1959			
2	0.30	8	1959			
3	0.31	8	1975			
4	1.77	45	1965			
5	3.01	76	1955			
6	0.93	24	1967			
7	0.44	11	1978			
8	0.44	11	1973	1.9	48	1973
9	0.22	6	1977	0.3	8	1973
10	0.69	18	1968			
11	0.86	22	1959			
12	0.79	20	1980	T	T	1960*
13	1.12	28	1969			
14	0.36	9	1969			
15	1.27	32	1983			
16	1.11	28	1961			
17	0.98	25	1973			
18	0.50	13	1963			
19	0.82	21	1982			
20	1.66	42	1958			
21	1.21	31	1958			
22	0.49	12	1967			
23	0.98	25	1960			
24	0.16	4	1949			
25	1.06	27	1957			
26	0.72	18	1959			
27	0.35	9	1969			
28	0.28	7	1967			
29	3.16	80	1972			
30						
31						
Monthly	3.16	80	1972	1.9	48	1973

* ALSO ON EARLIER YEARS
T – TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET–5605

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

13928	KINGSVILLE, TX	1985-1986 1952-1983
STATION	STATION NAME	YEARS

MARCH
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.09	2	1958			
2	T.17	3	1954			
3	T.89	23	1957			
4	0.18	5	1968			
5	0.64	16	1954			
6	T.68	17	1970			
7	T.06	2	1955			
8	0.10	3	1966			
9	0.02	1	1952			
10	T.84	21	1981			
11	T.78	20	1957			
12	T.04	27	1946			
13	T.10	28	1974			
14	2.65	67	1974			
15	T.63	16	1979			
16	0.13	3	1972			
17	T.01		1980*			
18	T.12	3	1968			
19	0.17	4	1964			
20	0.14	4	1957			
21	T.21	31	1956			
22	T.52	13	1976			
23	0.36	9	1983			
24	0.15	4	1977			
25	T.16	3	1974			
26	T.29	7	1974			
27	0.13	3	1977			
28	0.39	10	1966			
29	T.06	2	1982			
30	1.11	26	1965			
31	1.85	47	1945			
Monthly	2.65	67	1974			

APRIL
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.26	7	1945			
2	0.07	2	1960			
3	0.04	1	1971			
4	5.42	138	1976			
5	0.33	8	1961			
6	0.84	21	1973			
7	0.07	2	1976			
8	1.25	32	1966			
9	0.76	19	1958			
10	0.08	2	1970			
11	0.80	20	1978			
12	0.58	14	1978			
13	0.91	23	1976			
14	0.99	25	1984			
15	0.60	15	1958			
16	0.80	20	1977			
17	0.53	21	1979			
18	0.18	5	1976			
19	0.26	7	1952			
20	1.34	34	1945			
21	1.71	43	1945			
22	0.46	12	1981			
23	1.91	49	1962			
24	0.98	25	1981			
25	1.19	30	1966			
26	0.28	8	1967			
27	1.09	28	1972			
28	0.82	21	1967			
29	2.19	56	1979			
30	0.99	25	1982			
31						
Monthly	5.42	138	1976			

* ALSO ON EARLIER YEARS
T – TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET–8105

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

12928 — STATION
KINGSVILLE, TX — STATION NAME
1945-1946 1952-1983 — YEARS

MAY — MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	.96	24	1966			
2	3.20	58	1956			
3	1.34	34	1981			
4	2.15	55	1966			
5	1.49	38	1966			
6	0.50	13	1963			
7	2.72	69	1968			
8	1.[illegible]3	34	1980			
9	1.31	33	1977			
10	[illegible].77	20	1976			
11	0.82	21	1968			
12	[illegible].51	13	1973			
13	.65	17	1976			
14	1.21	31	1967			
15	1.59	40	1970			
16	1.23	31	1969			
17	1.58	40	1958			
18	1.56	40	1965			
19	2.34	59	1966			
20	.41	10	1964			
21	1.11	28	1978			
22	0.94	24	1980			
23	0.69	18	1982			
24	1.04	27	1975*			
25	1.17	30	1981			
26	0.98	25	1976			
27	0.28	8	1954			
28	1.69	37	1983			
29	3.49	88	1981			
30	0.15	4	1970			
31	3.05	77	1957			
Monthly	7.69	88	1981			

JUNE — MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.90	48	1957			
2	2.39	61	1981			
3	1.39	35	1979			
4	0.73	19	1968			
5	1.87	47	1965			
6	1.78	45	1983	T	T	1983
7	2.24	57	1978			
8	0.79	20	1972			
9	2.29	58	1961			
10	1.25	32	1975			
11	1.40	36	1961			
12	0.73	19	1973			
13	2.95	75	1973			
14	0.53	13	1959			
15	0.41	10	1972			
16	1.90	48	1972			
17	1.90	51	1972			
18	2.80	73	1966			
19	1.33	34	1965			
20	1.31	33	1957			
21	1.16	29	1977			
22	1.35	34	1958			
23	1.14	29	1977			
24	3.99	89	1973			
25	3.50	89	1973			
26	0.61	16	1971			
27	2.88	73	1971			
28	0.15	4	1958			
29	0.89	23	1978			
30	0.43	11	1982			
31						
Monthly	3.99	89	1973	T	T	1983

* ALSO ON EARLIER YEARS
T – TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

12928 — STATION
KINGSVILLE, TX — STATION NAME
1945-1946 1951-1983 — YEARS

JULY — MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.37	35	1962			
2	.64	16	1949			
3	.73	19	1973			
4	.10	3	1968			
5	1.36	35	1979			
6	2.07	53	1981			
7	.87	22	1983			
8	1.14	30	1976			
9	2.06	52	1976			
10	1.91	49	1976			
11	1.78	45	1968			
12	0.43	11	1983			
13	1.23	31	1975			
14	1.98	1 1	1976			
15	2.37	60	1975			
16	0.19	5	1975			
17	1.24	32	1972			
18	1.02	26	1952			
19	1.98	50	1964			
20	0.85	22	1960			
21	2.04	52	1972			
22	1.26	32	1972			
23	1.69	43	1965			
24	1.04	26	1972			
25	1.00	25	1959			
26	1.13	29	1981			
27	0.53	13	1961			
28	0.48	12	1961			
29	.24	6	1954			
30	.65	17	1978			
31	0.21	5	1978			
Monthly	2.98	101	1976			

AUGUST — MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.34	9	1983			
2	1.62	41	1971			
3	2.58	66	1970			
4	1.42	36	1965			
5	0.72	18	1971			
6	1.49	38	1971			
7	1.24	31	1980			
8	1.68	43	1966			
9	3.53	90	1980			
10	15.05	382	1980			
11	1.25	32	1960			
12	0.69	18	1960			
13	0.75	19	1960			
14	0.77	20	1960			
15	1.51	38	1961			
16	1.39	35	1973			
17	0.80	20	1968			
18	0.79	20	1967			
19	1.07	27	1967			
20	2.52	64	1981			
21	1.34	34	1953			
22	1.25	32	1967			
23	0.78	20	1976			
24	0.39	10	1953			
25	1.20	30	1989			
26	1.51	38	1953			
27	3.61	92	1966			
28	3.17	81	1953			
29	1.94	49	1969			
30	1.09	27	1978			
31	1.79	45	1975			
Monthly	15.05	382	1980			

* ALSO ON EARLIER YEARS
T – TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

1.728 (STATION) | KINGSVILLE, TX (STATION NAME) | 1945-1946 1951-1983 (YEARS)

SEPTEMBER (MONTH)

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.[illegible]	26	1975			
2	0.97	25	1967			
3	1.40	33	1967			
4	1.10	28	1953			
5	1.20	30	1951			
6	3.56	90	1955			
7	1.76	45	1955			
8	1.42	36	1958			
9	1.48	38	1979			
10	3.67	93	1969			
11	.10	53	1971			
12	.67	25	1971			
13	5.[illegible]	148	1951			
14	5.43	138	1973			
15	0.[illegible]	22	1951			
16	.93	13	1967			
17	1.00	25	1976			
18	.02	51	1971			
19	1.13	29	1967			
20	6.[illegible]	170	1967			
21	.37	9	1967			
22	4.53	115	1967			
23	1.93	49	1978			
24	1.33	34	1972			
25	[illegible]	28	1965			
26	1.99	51	1980			
27	2.42	61	1973			
28	.33	8	1971			
29	.44	11	1971			
30	0.[illegible]	18	1980*			
31						
Monthly	6.[illegible]	170	1967			

OCTOBER (MONTH)

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.39	10	1965			
2	0.55	14	1965			
3	0.98	25	1977			
4	3.00	76	1945			
5	3.13	80	1976			
6	0.69	18	1950			
7	1.20	30	1967			
8	1.13	29	1971			
9	1.53	39	1957			
10	0.71	18	1958			
11	6.04	153	1973			
12	1.72	44	1973			
13	0.67	17	1973			
14	0.67	17	1948			
15	2.78	71	1958			
16	1.54	39	1967			
17	1.50	38	1960			
18	1.76	45	1965			
19	0.61	15	1965			
20	0.33	T	1983			
21	0.88	22	1983			
22	3.78	96	1981			
23	2.45	62	1951			
24	2.60	66	1962			
25	1.54	39	1975			
26	0.91	23	1975			
27	3.28	83	1976			
28	1.43	36	1978			
29	1.43	36	1975			
30	0.40	10	1969			
31	1.16	29	1981			
Monthly	6.04	153	1973			

* ALSO ON EARLIER YEARS
T – TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

1[illegible]2 — STATION
[illegible]INGSVILLE, TX — STATION NAME
1945-1946 1951-1983 — YEARS

NOVEMBER — MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.72	44	1977			
2	0.63	16	1970			
3	.51	13	1975			
4	.40	10	1956			
5	0.71	10	1978			
6	1.39	35	1983			
7	.14	4	1955			
8	.55	14	1955			
9	0.50	13	1983			
10	0.71	19	1957			
11	1.48	37	1957			
12	.31	8	1976			
13	0.19	5	1961			
14	.08	2	1959			
15	.19	5	1956			
16	0.31	8	1976			
17	0.99	25	1976			
18	.98	24	1976			
19	.67	18	1976			
20	0.20	5	1975			
21	1.14	29	1980			
22	.36	9	1960			
23	.53	13	1972			
24	1.18	30	1974			
25	1.83	46	1980			
26	0.59	15	1969			
27	1.62	41	1963			
28	0.99	25	1976	T	T	1976
29	0.08	2	1952	T	T	1976
30	0.79	20	1968			
31						
Monthly	1.83	46	1977	-	T	1976

DECEMBER — MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.26	7	1955			
2	0.67	17	1965			
3	0.31	8	1965			
4	0.37	9	1971			
5	0.39	10	1969			
6	0.35	9	1967			
7	1.06	27	1967			
8	0.56	14	1964			
9	0.31	8	1964			
10	0.48	12	1964			
11	0.14	4	1953			
12	2.27	58	1971			
13	0.46	12	1979			
14	0.54	14	1979			
15	0.59	15	1975			
16	0.41	10	1966			
17	0.30	8	1965			
18	0.30	8	1956	T	T	1 [illegible]
19	0.29	7	1983			
20	0.08	2	1963			
21	0.08	2	1968			
22	0.04	1	1976	T	T	1983
23	1.18	30	1962	T	T	1983
24	0.28	7	1975	T	T	1983
25	0.55	14	1958			
26	1.42	37	1978			
27	0.26	7	1952			
28	3.47	88	1960			
29	0.32	8	1969			
30	0.81	21	1958	T	T	1969
31	0.73	19	1959			
Monthly	3.47	88	1960	T	T	1983*

* ALSO ON EARLIER YEARS
T – TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET–SMOS

NOCD, Federal Building
Asheville, N. C.

PART C SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

   NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

   A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

   a. Three tables are prepared for all surface winds included, and for all years combined as follows:

      (1) Annual - all hours combined

      (2) By month - all hours combined

      (3) By month - by standard 3-hour groups

   b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

1? 2? STATION | KINGSVILLE, TX STATION NAME | 51-56, 58-82 YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
1													
2	?? 46	NW 53	N 69	SE 45	NW 55	SE 46	E 43	SE 38	E 37	N 38	NE 52	NW 45	N 69
3	NW 50	NW 41	NW 48	NNE 46	SE 44	SE 39	SE 42	SE 42	NE 46	NW 34	NW 36	SW 46	NW 50
4	E 41	NNE 47	NE 45	SE 42	N 49	SE 48						W 35	
5	W 43		NE 41		ESE 36	NNW 37	ESE 32	E 28	NE 36	N 54	NW 40	NW 30	
6	NNE 36	NNE 38	NW 60	SSE 38	NE 51	SSE 36	ESE 40						
7													
8							SSE 32	SE 31	SE 29	NW 3?	35	NW 40	
9			NNE 4?					N 37		N 3?	NE 37	42	
10	SSE 30	NW 43	SSE 35	N 56	NE 46	ESE 3?	NE 34	SE 30	N 45	NW 45	NE 35	SSE 3?	N 56
1	N 35	NW 40	S 51	S 56	N 42	NW 38	SSE 32			SE 30	NW 39	NNE 26	
12	NNE 31	ESE 26	NNE 32	N 36	SE 34	NNW 35	SSE 27	W 31	SW 29	SSE 24	ENE 32	N 26	N 36
13	NW 31	N 31	N 31	SSE 30	SE 25	ESE 25	SE 28	SE 21	NE 23	SE 21	NW 28	S 26	NNW 31
14	N 28	NW 30	W 36	SE 27	SE 26	SE 32	E 26	SE 28	NE 27	NNE 27	N 28	N 28	NW 36
15	N 30	NW 39	NW 29	NE 31	ESE 35	SE 35	SE 38	E 28	SSE 30	NW 28	SW 23	N 51	NW 39
16	N 33	S 30	NE 34	SE 35	N 46	E 28	SSE 27	SE 30	N 41	N 36	N 36	N 30	N 46
17	E 34	N 39	N 33	SE 32	SE 30	SE 29	S 34	SSE 32	ESE 79	N 37	N 34	N 30	ESE 79
18	N 32	N 34	NW 36	NNE 38	NE 37	SSW 30	SW 42	SSE 38	SW 50	ESE 31	N 35	N 36	SW 50
19	N 31	SE 33	NW 37	SSE 33	E 39	SE 33	S 33	E 33	S 30	S 32		NNW 43	
20	N 33	N 31	SSE 31	N 36	SE 34	NE 56	SSE 28	WSW 47	SE 34	N 36	NNE 41	NNE 31	NE 56
21	SSE 36	34	42	35	39	34	50	33	36	35	33	36	41	33	57
22	01 34	05	62	01	44	15	41	34	39	35	27	17	36	15	30	19	31	16	29	20	34	33	33	05	62
23	20 39	06	31	34	36	18	39	35	38	06	39	17	36	12	37	33	35				33	41			
24	15 31	29	42	39	42	36	33	14	37	01	30	13	28	12	27	15	28	23	29	36	31	17	26	29	42
25	34 33	33	34	33	37	01	31	34	39	04	31	18	42	15	29	34	23	15	25	17	35	32	31	18	42
26	01 39	35	29	16	29	35	49	30	41	08	29	18	30	04	29	14	29	35	29	35	27	33	25	35	49
27	36 24	18	35	29	29	15	29	13	28	16	33			11	25	08	30	26	30	06	29	17	28		
28	30 35	29	33	12	29	13	29	16	27	15	27	12	29	13	27	12	21	12	21	14	23	17	27	30	38
29	29 35	01	27	13	29	25	31	30	32	01	27	26	27	33	31	08	40	10	32	18	36	04	37	35	48
30	01 30	15	35	26	37	31	38	02	38	08	30		29		28	11	28	02	31	01	34	18	27		
31																									
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

1 2? KINGSVILLE, TX 51-56, 58-82
STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
1	12 2514	4014	3236	3229	4714	3236	3013	2508	2403	2936	3201	26	29 47
2	15 3234	3935	2832	2916	3829	3313	3133	3514	3516	2736	4917	38	36 49
MEAN	34.2	37.3	38.1	35.9	38.9	34.0	32.8	33.0	35.2	31.7	36.6	32.9	34.0
S.D.	5.783	8.086	9.668	7.838	7.978	6.516	5.815	(illegible)	(illegible)	6.948	8.390	6.887	11.117
TOTAL OBS.	861	762	897	869	865	833	861	838	799	837	778	892	9993

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

[illegible] KINGSVILLE, TX 51-56, 58-82
STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS
/BASED ON LESS THAN 90% OBSERVATIONS FOR MONTH/

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]1						0		0	0	0	0	N 46 24	WINDS DAYS
[illegible]4							SE 36 14	[illegible]	0	0	0		WINDS DAYS
[illegible]5		N 37 22		ESE 33 25									WINDS DAYS
56								0	0	0	0	0	WINDS DAYS
57	0	0	0	0	0	0	0	0	0	0	0	0	WINDS DAYS
58	0	0	0	0	0	0							WINDS DAYS
59	NNE 31 19	NNE 27 16		NNW 36 22	0	0	SSW 28 2		SE 31 24				WINDS DAYS
61								NE 37 25	NNW 68 23				WINDS DAYS
69											N 39 26		WINDS DAYS
73										32 37 27	18 34 18		WINDS DAYS
[illegible]7							[illegible] 28 9						WINDS DAYS
80							36 38 27						WINDS DAYS
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1,7E (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) JAN (MONTH)

ALL WEATHER (RAIN)

00 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	7.2	8.3	8.3	3.5	.4	.1						17.8	7.9
NNE	1.8	1.5	1.5	1.8	.1							10.4	7.2
NE	1.1	1.1	1.5									3.5	5.5
ENE	.5	1.4										2.1	5.1
E	2.1	.8	.6									3.5	1.8
ESE	1.1	1.1		.1								1.2	3.4
SE	.1	2.4	2.4									4.8	4.2
SSE	1.1	1.2	1.5	.4	.1							11.3	4.1
S	2.1	2.3	2.3	.4								6.7	3.5
SSW	.1	2.1										2.4	3.4
SW	.1	1.1										1.4	3.2
WSW	.4	.1										1.0	3.1
W	1.1		.4									1.4	3.0
WNW	.1		.1									.4	3.5
NW	.1	1.1	1.1	.1								2.3	5.2
NNW	1.3	2.1	1.2	1.0	.1							5.7	7.1
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	13.5	
	21.5	28.3	28.5	8.1	1.6	.1						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 310

NAVAIR

NAVAL GPO 1984-741-348/201



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1-26 (COUNTRY) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) JAN (MONTH)

ALL WEATHER (CODE)

GMT (HOURS (L.S.T.))

(DURATION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	7.2	4.5	7.1	2.2	1.0							21.3	5.8
NNE	1.3	4.4	4.2	1.0								11.1	6.6
NE	.7	1.4	1.8									3.9	6.2
ENE	.4	.3										1.0	3.0
E	.4	.4										1.1	2.5
ESE	1.3	.6	1.0									2.9	4.3
SE	1.0	.4	.6	.3								2.4	4.0
SSE	3.5	2.3	2.6		.3							8.1	5.6
S	1.1	2.4	1.9	1.3								7.1	6.6
SSW	.4	1.1	.3									1.9	5.2
SW	.3	.3										.6	3.5
WSW	1.0	.6										1.6	3.0
W	1.2	.3	.3									1.9	2.8
WNW	.3	.6	.3		.3							1.4	8.0
NW	.6	1.6	1.6	.3	.3							4.5	7.0
NNW	3.5	2.2	2.2	1.3	.3							10.3	6.2
VARBL													
CALM												14.1	
	22.3	28.6	28.2	6.8	2.3							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 310

8NOS

NUS. GPO 1984-741-348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13958 (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 06 (HOURS (L.S.T.))

(OBSERVER)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	8.3	6.8	8.1	8.8								28.8	7.8
NNE	2.7	3.2	4.5	1.4								12.3	7.1
NE	1.2	1.0	.4	.3								2.9	5.4
ENE	.6			.3								1.0	6.3
E	1.2											1.2	2.0
ESE	.2	1.2	.3									1.3	5.2
SE	1.2	.6	1.9									3.7	8.0
SSE	1.0	3.2	.6	1.0	.3							7.1	8.8
S	1.2	1.2	2.3	1.0								5.1	8.9
SSW	.6	.6										1.3	3.0
SW	1.0	.6										1.4	2.8
WSW	.2	.2										.4	3.0
W	1.9		.3									2.2	3.2
WNW		1.4	.3	.6								2.4	7.5
NW	1.9	2.3	1.2	1.0								6.1	5.9
NNW	4.3	2.4	2.9	1.2								13.3	6.7
VARBL													
CALM												18.0	
	28.2	22.7	22.8	15.8	.3							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 310

0-741-348/201

0-741-348/201



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1-24 (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) JAN (MONTH)

ALL WEATHER (COND) 09 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	7.2	8.6	11.4	3.2	1.0							33.4	6.2
NNE	1.7	3.4	6.5	1.8	.3							13.4	7.8
NE	.4	1.4	1.4	1.4								4.6	7.7
ENE	1.7	.4	.4									2.4	4.5
E	1.7	1.0	.3									2.6	1.6
ESE	1.0	1.6	.3									3.2	4.8
SE	.4	1.3	2.3	1.1								5.2	7.1
SSE	.4	1.1	2.4	.3								4.8	7.2
S	1.7	1.3	2.4	2.3								7.8	8.4
SSW	1.0	1.1	.3									2.4	4.8
SW													
WSW	1.1	.3										1.4	3.3
W	.1		.1									.4	3.8
WNW	.1	1.1	.4	.4								2.4	7.4
NW	1.0	1.3	1.3	1.0	.6							5.1	8.8
NNW	2.3	2.1	3.4	2.9		.1						11.8	6.2
VARBL													
CALM												9.1	
	17.2	31.1	33.8	18.8	1.8	.1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 324

ENDS

NAVAIR 0004-741-348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 2# (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

17 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	5.2	7.8	3.7	1.9							18.5	9.8
NNE	.3	1.1	6.2	3.6	.3							12.3	9.1
NE	1.4	1.8	2.6	1.3								7.1	7.0
ENE	.2	1.3	1.	.3								2.9	6.8
E	.1	1.3	1.									2.5	5.2
ESE	.2	.7	.8									1.3	5.8
SE	.1	.1	.5	1.2								1.7	11.0
SSE	1.3	1.	1.9	2.6	.3							7.1	9.1
S	.1	1.3	2.1	5.2	1.6	.1						12.0	12.1
SSW	.6	.1	1.1	2.3								8.5	7.4
SW	1.3	.1	.3									1.8	5.8
WSW													
W	.2	.3	.3									1.0	5.3
WNW	.2	.6		.3	.3	.6						2.3	11.6
NW		.6	1.3	1.9	.3							4.2	11.2
NNW	1.6	1.9	3.5	1.6	.6	.3						12.7	9.7
VARBL													
CALM												3.2	
	13.1	20.1	32.1	27.6	5.9	1.3						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 304

N.S. GPO 1984-741-348/201



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1-78 (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) ANN (MONTH)

ALL WEATHER (CONDITION) 15 (HOURS (L.S.T.))

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	5.5	4.5	4.8	2.4							18.8	9.5
NNE	.9	2.4	4.5	1.2								10.7	8.8
NE		1.2	1.2	1.0								3.9	8.8
ENE		1.2	1.2	.6								2.9	8.1
E	.8	1.4	1.4									3.9	6.8
ESE	.1	.3	1.6	.6	.3							3.2	10.8
SE	1.2	1.2	2.0	4.8	.6							11.2	10.4
SSE	.6	1.0	1.6	1.6	1.3							7.1	10.1
S	.6	2.6	3.8	4.2	.3	.3						10.7	10.5
SSW	.2	.6	.6	.6								2.3	7.1
SW		1.0										1.0	8.7
WSW	.2	.3										.6	8.0
W		.3	.3	.3		.2						1.1	11.0
WNW	1.2	.6	.3									2.3	8.0
NW	.2	1.2	1.2	1.2	.6	.2						6.2	10.5
NNW	.6	1.6	4.2	3.6	.6	.3						11.2	10.0
VARBL													
CALM												2.6	
	7.8	31.6	31.2	26.8	6.8	1.2						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 368

NAVSO

NAVSO GPO 1984-741-348/201



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] KINGSVILLE, TX 73-82 JAN
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.-	3.9	7.1	5.2	.3	.3						18.8	9.1
NNE	.3	2.6	2.3	1.-								6.0	6.7
NE	.3	2.3	1.9	.6								4.1	5.8
ENE	1.-	2.-	1.-									4.6	4.9
E	1.-	5.2	2.6	.3								9.7	5.6
ESE	1.-	8.9	4.5	1.-								15.3	6.8
SE		2.-	5.5	5.9	.3							13.5	9.9
SSE	.-	2.6	2.6	2.6	.6							8.7	9.5
S	.-	1.-	.6	.6	.3							3.9	7.8
SSW	.-											.1	1.0
SW				.1								.1	11.0
WSW	.-											.-	2.0
W	.3	.3										.6	4.8
WNW	.3	.3	.3									1.0	6.0
NW		.6	.6		.6							1.9	9.8
NNW	.6	.6	1.9	2.3								5.5	9.2
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	3.2	
	1.9	30.0	31.0	20.3	2.3	.3						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 310

DMOB

★U.S. GPO 1984-741-348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 JAN — KINGSVILLE, TX — 73-82 — JAN

ALL WEATHER

21 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	3.3	5.3	3.9	.3							13.2	8.3
NNE	1.3	2.3	3.5	1.9								11.0	6.8
NE	1.0	2.6	1.6	.3								5.5	5.7
ENE	1.2	1.7	.6									3.5	5.8
E	.2	1.0	1.6									4.3	6.6
ESE	3.3	2.0	.3	.6								7.7	5.8
SE	2.3	3.5	4.5	1.3	.3							12.2	6.2
SSE	1.6	4.5	3.5	1.6								10.4	6.5
S	1.0	4.2	.6									5.5	5.6
SSW	.3	.6										1.3	5.7
SW	.3											.3	2.0
WSW													
W													
WNW		.3	.3		.3							1.0	11.3
NW	.3	1.0	.6	.3								2.3	6.9
NNW	.3	.6	1.0	1.6								3.5	7.2
VARBL													
CALM												5.1	
	14.1	30.6	24.5	11.0	1.0							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 312

ENDS

*U.S. GPO 1984-741-348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] KINGSVILLE, TX 73-82 JAN
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.[illegible]	4.[illegible]	5.9	4.2	1.[illegible]	.1						19.6	8.5
NNE	1.[illegible]	3.2	3.8	2.1	.1							11.8	7.5
NE	1.2	1.6	1.3	.6								4.7	6.6
ENE	.[illegible]	1.1	.[illegible]	.2								2.[illegible]	5.9
E	1.[illegible]	1.6	1.[illegible]	.[illegible]								4.[illegible]	6.7
ESE	1.[illegible]	1.[illegible]	1.1	.3	.[illegible]							4.8	5.8
SE	1.1	1.[illegible]	2.6	2.[illegible]	.2							7.8	8.2
SSE	1.[illegible]	2.7	2.[illegible]	1.2	.8							6.7	7.5
S	.2	2.3	2.[illegible]	1.3	.3	.1						7.8	9.3
SSW	.[illegible]	.[illegible]	.3	.8								2.1	6.1
SW	.[illegible]	.[illegible]	.[illegible]	.[illegible]								.4	4.2
WSW	.[illegible]	.2										.7	3.1
W	.[illegible]	.2	.3	.[illegible]		.[illegible]						1.4	6.7
WNW	.4	.6	.3	.2	.1	.1						1.[illegible]	7.9
NW	.6	1.2	1.1	.8	.3	.[illegible]						4.[illegible]	6.2
NNW	2.[illegible]	1.[illegible]	3.1	2.4	.2	.1						9.[illegible]	8.2
VARBL													
CALM												3.[illegible]	
	17.5	21.2	28.[illegible]	16.8	2.7	.4						100.[illegible]	6.5

TOTAL NUMBER OF OBSERVATIONS 2978

SMOS

NAVAIR 50-1C-534
U.S. GPO 1984-741-348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION [illegible] STATION NAME [illegible] YEARS FEB MONTH

ALL WEATHER CLASS 00 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	5.3	6.4	2.1	.4							14.3	7.3
NNE	1.-	3.2	3.5	.4								10.-	5.5
NE	.-	1.1	1.-									2.1	6.2
ENE	1.1		.4	.4								1.8	5.5
E	.-	1.4	.4									2.0	7.2
ESE	.-	1.1	1.1	.4								2.7	8.7
SE	.-	6.3	2.-	.4		.4						11.7	8.9
SSE	.1	3.2	2.-	2.1								10.3	6.9
S	.-	3.-	3.-	.7								10.4	5.8
SSW	1.1	1.1	.4									2.7	3.4
SW	.-	1.1	.4									2.1	4.0
WSW	1.-	.4										1.4	2.4
W	.4	.4										.7	3.0
WNW	.4											.4	2.5
NW	.-	1.4	.7									2.-	5.2
NNW	.-	1.1	1.4	1.1		.4						5.4	7.0
VARBL													
CALM												9.9	
	.2	30.1	25.2	7.4	.4	.7						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 262

8MOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] KINGSVILLE, TX [illegible]-82 FEB
STATION STATION NAME YEARS MONTH

ALL WEATHER 03
CLASS HOURS (L.S.T.)

DURATION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	7.7	5.2	5.4	1.1		.4						20.0	6.3
NNE	1.[illegible]	2.[illegible]	2.[illegible]	1.1								4.5	6.3
NE	1.1	2.1	.4	.4								3.9	5.6
ENE	1.[illegible]	.7	.7									2.5	4.3
E	1.[illegible]	1.8	.4									3.3	3.3
ESE	.1	1.1	1.1									2.3	3.7
SE	.[illegible]	1.2	1.1	.4								3.3	3.7
SSE	2.[illegible]	3.[illegible]	3.3	.4								10.4	5.8
S	1.[illegible]	1.[illegible]	2.1	.4								6.0	5.8
SSW		.[illegible]	.[illegible]									.7	5.5
SW	.7	.[illegible]										1.4	3.3
WSW	1.[illegible]											2.1	1.8
W	1.4	1.5	.4									3.2	3.6
WNW	1.1	1.1										2.1	3.5
NW	1.[illegible]	2.1	.7		.4							5.0	5.8
NNW	1.[illegible]	1.1	1.4	1.9		.4						6.0	8.1
VARBL													
CALM												18.0	
	24.9	31.0	21.6	5.0	.4	.7						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 282

SMOS

U.S. GPO 1984-741-348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] KINGSVILLE, TX 73-82 FEB
STATION STATION NAME YEARS MONTH

ALL WEATHER 06
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	[illegible]	4.[illegible]	2.1	.7							10.5	7.8
NNE	2.[illegible]	4.3	3.2	1.4								11.3	6.3
NE	1.1	1.1	1.1	.7								3.[illegible]	7.1
ENE	1.1	.[illegible]	.7									2.3	6.3
E	3.5	.7										4.3	2.5
ESE	2.[illegible]	1.3	.7									5.1	3.9
SE	[illegible].1	.7	1.1	.7								3.9	5.6
SSE	1.4	2.1	.7	.4								4.6	5.2
S	.7	2.1	2.5	.4								5.7	5.9
SSW	.7	1.8										2.5	6.4
SW		.[illegible]										.4	6.0
WSW	[illegible].1											2.1	2.0
W	1.[illegible]	1.[illegible]	.4									3.9	4.2
WNW	1.4	.7	.4									2.5	3.4
NW	[illegible].1	2.5	.7	.4	.4							4.3	5.4
NNW	[illegible].2	1.4	2.1	1.1	.7							3.5	7.0
VARBL													
CALM												12.4	
	27.7	31.4	19.5	7.1	1.8							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 283

SMOS

*U.S. GPO 1984 741-348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] KINGSVILLE, TX 73-82 FEB
STATION STATION NAME YEARS MONTH

ALL WEATHER 09
CLASS HOURS (L.S.T.)

STATION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	5.3	7.5	6.8	.8							22.8	6.7
NNE	.7	2.6	6.8	1.8	.8							11.7	8.3
NE	.7	1.1	1.8	1.1								4.3	7.8
ENE	1.4	1.1	.4	.7								3.6	5.9
E	.7	1.8	.4									2.8	5.3
ESE	.4	1.1	1.1									1.7	6.6
SE	.4	2.6	3.9	.7	.7							8.2	8.7
SSE	1.4	1.4	1.8	2.1	.8							7.8	7.7
S	1.1	3.2	4.3	1.1								10.7	7.8
SSW	.7	1.4	.4									2.1	5.3
SW		.4										.4	8.0
WSW	.4		.4									.7	5.8
W	.7	.7										1.4	3.3
WNW			1.4	.8	.8							2.1	10.5
NW	1.1	.7	1.1		.8							3.7	7.2
NNW	1.1	1.1	1.8	2.8	1.1							7.8	10.0
VARBL													
CALM												8.8	
	18.4	28.6	33.1	17.8	3.6							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 281

5MOS

NUS. GPO 1984-741-348/201



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1-23 (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) CEA (UNITS)

ALL WEATHER (COND.) 17 (HOURS (L.S.T.))

(OBSERVER)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	2.1	4.4	5.0	1.8							16.0	9.4
NNE	.7	2.1	3.5	2.8								9.2	8.5
NE	.4		3.8	1.4	.4							5.0	10.4
ENE	.7	1.1	1.8	1.1								4.4	8.2
E		.4	2.1	.4								2.8	8.3
ESE		.7	1.1	1.1	.4							3.2	11.0
SE	.4	.7	1.4	3.8								6.7	8.8
SSE		1.4	3.2	5.7	1.1							11.1	11.5
S	1.4	1.1	5.0	4.3	1.4							13.5	10.1
SSW		1.4	3.2	2.1								7.8	9.1
SW													
WSW	.4		.4									.7	6.0
W	.4	.7	.4	.4	.4							2.1	8.2
WNW	.4	.4	.4	.4			.4					1.4	11.3
NW	.4	1.4	1.4	.7								3.9	7.6
NNW	.7	.7	2.1	3.8	1.8							9.2	12.0
VARBL													
CALM												2.1	
	6.5	14.6	38.8	33.0	7.1		.4					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 282

5N08

NSN 7540-741-348/201



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1978 (YEARS) MINERSVILLE, PA (STATION NAME) 73-82 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

19 (HOURS (L.S.T.))

(OBSERVING)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.1	2.9	3.9	2.8							12.9	10.3
NNE	.7	1.1	2.5	1.4								5.7	8.1
NE		1.3	1.4	.7	.8							3.9	9.2
ENE	.8	.8	2.5	1.1								5.3	8.9
E	1.1	2.1	2.8	.7								6.7	8.9
ESE	.8	1.4	1.4	3.6	.8							8.2	10.8
SE	.8	1.1	3.2	4.7	1.8							12.5	11.9
SSE	.8	2.3	1.8	5.1	1.8	.8						11.7	11.8
S		.5	1.2	1.1		.8						3.3	9.8
SSW	.8	.7	1.4	.8								2.8	7.5
SW	1.1	1.1	.7									1.2	8.8
WSW	.8		.8									.7	5.0
W	.8		1.1		.7		.8					2.3	13.8
WNW	.8		.8	1.1	.8							2.1	12.0
NW	.8	1.8	1.4	1.8	.8							5.3	9.8
NNW	.7	.7	2.8	2.1	.8							6.7	9.9
VARBL													
CALM												.7	
	8.3	16.3	38.8	30.9	8.8	.7	.8					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 282

NAVSO 1004-1 (REV. 1-70) S/N 0102-LF-004-1001

*U.S. GPO 1984-741-348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1-3278 (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) FEB (MONTH)

ALL WEATHER (OBSERVATION) 18 (HOURS (L.S.T.))

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.5	4.2	2.3	1.4	.4						12.3	10.1
NNE	1.4	1.7	2.5	.7								5.4	6.8
NE	1.1	1.1	1.1	.4								3.5	6.2
ENE	1.1	2.5	2.1	1.4								7.1	7.1
E		1.8	3.3	.4								5.4	7.9
ESE	.7	3.5	7.8	6.7	.4							19.1	9.2
SE		.4	8.7	7.4	1.8							18.8	11.6
SSE			3.3	6.7	.4							9.4	12.3
S	.7	.7	.7	.4								2.5	6.4
SSW		.7										.7	5.0
SW													
WSW													
W													
WNW	.4		1.1		.4							1.9	9.4
NW	.4	.7	2.1	1.1								4.3	6.5
NNW		1.4	1.8	.7	.4							3.9	9.1
VARBL													
CALM												1.8	
	4.0	17.0	40.8	30.1	4.3	.4						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 282

8803

*U.S. GPO 1984-741-348/201



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] (STATION) MINERAL WELLS, TX (STATION NAME) 73-82 (YEARS) FEB (MONTH)

ALL WEATHER (CEILING)

21 (HOURS (L.S.T.))

(VISIBILITY)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.[illegible]	5.7	2.8	1.1							13.5	8.8
NNE	1.[illegible]	3.5	2.3	.4								8.2	5.4
NE	1.1	2.1	1.4	.8								5.0	6.1
ENE	2.[illegible]	2.1	.4	.7								5.7	6.8
E	1.2	1.2		.4								4.7	6.9
ESE	1.[illegible]	5.7	2.5									11.7	8.7
SE	1.[illegible]	3.[illegible]	3.9	1.1								20.2	8.8
SSE	1.[illegible]	5.[illegible]	3.3	2.1								12.8	7.8
S	.[illegible]	1.4	.7	.8								2.8	6.4
SSW	.4		.4									.7	4.5
SW													
WSW	.7	.4										1.1	3.3
W		.7										.7	4.5
WNW	.7	.4										1.1	3.0
NW		.4										.4	5.0
NNW	.7	.4	1.4	.8	.8							3.2	9.1
VARBL													
CALM												5.7	
	21.8	35.1	28.0	8.5	1.8							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 282

#U.S. GPO 1984-741-348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 223 KINGSVILLE, TX 73-83 FEB
STATION STATION NAME YEARS MONTH

ALL WEATHER ALL
CODES HOURS (L.S.T.)

OBSERVERS

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	4.0	6.8	3.6	1.1	.1						18.0	8.5
NNE	1.4	2.7	3.4	1.2	.0							8.0	6.9
NE	.6	1.2	1.4	.4	.1							3.2	7.3
ENE	1.2	1.1	1.1	.7								4.0	6.4
E	1.3	1.6	1.4	.3								4.1	5.2
ESE	1.6	2.0	2.1	1.6	.1							7.4	7.2
SE	1.4	2.5	3.8	2.7	.8	.0						10.4	8.5
SSE	1.2	2.5	3.4	3.1	.8	.2						9.4	8.8
S	1.3	1.4	2.9	1.1	.3	.0						7.1	7.4
SSW	.4	1.0	.6	.3								2.3	6.8
SW	.4	.4	.1									.9	3.4
WSW	1.0	.1	.1									1.2	3.8
W	.4	.7	.3	.6	.1		.1					1.8	8.1
WNW	.4	.1	.4	.2	.1		.0					1.7	7.4
NW	.8	1.3	1.0	.5	.2							3.8	7.1
NNW	1.1	1.6	1.8	1.7	.6	.1						6.7	9.4
VARBL													
CALM												6.3	
	17.7	25.3	29.8	17.8	3.8	.3	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 2258

ENDS

NAVAIR 50-1C-534
S/N 0530-LP-534-5300



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1[illegible] (STATION) MIDLAND, TX (STATION NAME) 73-82 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

00 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.[illegible]	1.9	2.3	1.6	1.[illegible]							9.8	7.7
NNE	1.[illegible]	2.3	2.6	1.3								7.7	7.[illegible]
NE	1.[illegible]	.6	.6									2.3	8.3
ENE	1.[illegible]	1.6	1.[illegible]									4.2	8.5
E	.[illegible]	2.6	1.[illegible]									5.4	8.8
ESE	.[illegible]	3.2	1.3	1.3								6.7	9.9
SE	1.[illegible]	6.[illegible]	7.1	3.6	.3							19.8	7.7
SSE	1.[illegible]	3.7	6.8	3.2	.3							14.1	8.2
S	1.3	3.[illegible]	2.9	1.9								10.0	7.0
SSW	.[illegible]											1.0	2.7
SW	1.[illegible]	.6										1.6	3.8
WSW	1.[illegible]	.3										1.3	2.8
W	.3											.3	2.0
WNW	.3											.3	3.0
NW	.3	1.3										1.6	8.2
NNW	1.0	1.0	1.0	1.0								3.9	7.3
VARBL													
CALM												6.5	
	21.9	29.7	24.5	13.9	1.6							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 310

BMOS

*U.S. GPO 1984-741-348/201



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1-24 STATION | MINGUSVILLE, TX STATION NAME | 73-82 YEARS | MAR MONTH

ALL WEATHER CLASS

ALL HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	3.2	2.6	1.3	1.[illegible]							8.7	8.8
NNE	1.1	1.6	3.3	1.9	.3							8.8	7.5
NE	.6	1.9	.3									2.8	6.3
ENE	1.3	1.3	.3	.3								3.2	5.1
E	1.2	2.6	.3	.6								4.8	4.1
ESE	1.2	1.6	1.9	.3								7.1	5.1
SE	1.6	4.2	5.2	3.2	.6							15.2	8.2
SSE	1.3	4.5	7.1	1.9								15.8	7.5
S	1.[illegible]	2.3	2.6	.3	.3							6.[illegible]	7.0
SSW	.6	1.6										2.3	6.3
SW		.6	.3									1.[illegible]	6.0
WSW		1.[illegible]										1.3	6.5
W	1.6	1.[illegible]										2.6	3.8
WNW	.3	.6										1.0	4.3
NW	1.3	.3										1.6	2.5
NNW	.6	1.[illegible]	1.3	1.0								3.[illegible]	7.6
VARBL													
CALM												12.3	
	20.3	30.0	28.2	11.0	2.3							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 310

8808

NAVAIR 0004-741-348/201



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] KINGSVILLE, TX 72-82 MAY
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

06
HOURS (L.S.T.)

DIRECTION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.[illegible]	5.[illegible]	8.[illegible]	2.9		.3						16.1	7.0
NNE	1.[illegible]	3.[illegible]	1.3	.6								6.[illegible]	6.1
NE		1.3	.6	.3								1.[illegible]	6.8
ENE	1.[illegible]	2.3	.3	.3								4.[illegible]	4.5
E	2.[illegible]	3.[illegible]	1.[illegible]									7.1	4.0
ESE	3.[illegible]	3.2	2.6									10.[illegible]	5.0
SE	.3	3.2	3.9	2.9								12.3	7.8
SSE	1.[illegible]	2.[illegible]	3.[illegible]	2.3								9.[illegible]	7.8
S	.[illegible]	1.[illegible]	3.[illegible]	.6								5.[illegible]	8.1
SSW	1.[illegible]	.[illegible]										1.[illegible]	3.8
SW	1.[illegible]											1.[illegible]	2.0
WSW	1.[illegible]											1.[illegible]	2.5
W	1.[illegible]	1.[illegible]	.[illegible]									2.[illegible]	3.9
WNW	1.[illegible]	.3		.3								1.[illegible]	9.2
NW	2.[illegible]	.[illegible]	.6									[illegible].[illegible]	3.8
NNW	1.6	.3	.6	1.0	.3							3.9	7.7
VARBL													
CALM												8.4	
	27.1	30.3	22.3	11.3	.3	.3						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

AU.S. GPO 1984-741-348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] STATION [illegible] STATION NAME [illegible] YEARS MAR MONTH

ALL WEATHER CODE 00 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	[illegible]	1.[illegible]	3.[illegible]	2.6	1.6	.3						11.0	10.7
NNE	.3	2.[illegible]	3.6	2.3	.3							8.4	9.0
NE	.[illegible]	1.4	1.[illegible]	1.6								4.5	8.7
ENE	.6	1.[illegible]	.6	1.[illegible]								3.2	6.8
E	.3	2.6	2.6	.3								5.3	7.1
ESE	1.0	2.3	2.[illegible]	1.3								7.4	7.6
SE		2.[illegible]	4.5	4.5								11.3	9.8
SSE	[illegible]	1.6	3.9	6.1		.3						12.6	10.8
S	[illegible]	1.6	4.8	1.9	.6							10.0	8.9
SSW	[illegible]	.6	1.[illegible]									.3	5.1
SW	.[illegible]	2.3		.[illegible]								2.[illegible]	5.3
WSW	.[illegible]	.6										1.0	3.7
W	1.0	.3	.3	.3								1.9	5.7
WNW		.[illegible]	.3	.3								1.0	[illegible].7
NW	.[illegible]	.6	1.3	.6		.[illegible]						3.2	10.1
NNW	.6	1.[illegible]	2.6	1.3	.3							6.1	8.7
VARBL													
CALM												3.[illegible]	
	[illegible].1	2[illegible].2	33.5	24.5	2.9	1.0						1[illegible]0.0	8.6

TOTAL NUMBER OF OBSERVATIONS 110

SMOS

*U.S. GPO 1984-741-348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 — STATION: KINGSVILLE, TX — STATION NAME: [illegible]-82 — YEARS: MAY — MONTH

ALL WEATHER — CLASS: 1[illegible] — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	1[illegible]	2[illegible]	1[illegible]	[illegible]	[illegible]						7[illegible]	10[illegible]
NNE		1[illegible]	3[illegible]	2[illegible]	[illegible]							7[illegible]	9[illegible]
NE	[illegible]	1[illegible]	1[illegible]	1[illegible]								[illegible]5	7[illegible]
ENE	[illegible]	[illegible]	1[illegible]	1[illegible]								3[illegible]	[illegible]
E	[illegible]	1[illegible]	2[illegible]	2[illegible]								7[illegible]	9[illegible]
ESE	[illegible]	1[illegible]	5[illegible]	2[illegible]	1[illegible]							11[illegible]	10[illegible]
SE		1[illegible]	3[illegible]	5[illegible]	1[illegible]							14[illegible]	12[illegible]
SSE	[illegible]	1[illegible]	2[illegible]	3[illegible]	1[illegible]							10[illegible]	11[illegible]
S	[illegible]	1[illegible]	3[illegible]	3[illegible]	1[illegible]							11[illegible]	10[illegible]
SSW	[illegible]	1[illegible]	1[illegible]	[illegible]	[illegible]							3[illegible]	7[illegible]
SW			[illegible]									1[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]									1[illegible]	[illegible]
W	[illegible]				[illegible]							1[illegible]	[illegible]
WNW		1[illegible]	1[illegible]	[illegible]								2[illegible]	[illegible]
NW		[illegible]	1[illegible]	1[illegible]	[illegible]	[illegible]						[illegible]	12[illegible]
NNW	[illegible]	[illegible]	2[illegible]	1[illegible]	[illegible]							7[illegible]	10[illegible]
VARBL													
CALM												1[illegible]	
	[illegible]	16[illegible]	[illegible]	33[illegible]	[illegible]	1[illegible]						1[illegible]	10[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]310

SMOS

4U.S. GPO 1984 741 348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH

ALL _____ YEARS

HOURS (L.S.T.)

CONDITIONS

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NOAA FORM 76-45 (REV. 9-76)
*U.S. GPO 1984 741 348 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] (STATION) KINGSVILLE, TX (STATION NAME) [illegible]-82 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 19 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]	1.[illegible]	[illegible]	2.6	.3	.3						8.7	10.0
NNE	.[illegible]	.[illegible]	1.3	2.3								4.2	9.4
NE		1.[illegible]	.6									1.6	5.8
ENE		1.[illegible]	2.3	1.3								4.5	9.1
E	.[illegible]	1.[illegible]	5.8	3.2								11.3	[illegible].7
ESE	.[illegible]	1.2	[illegible].1	14.5	.6							[illegible].8	11.3
SE	.[illegible]	.3	6.[illegible]	12.[illegible]	3.6	.3						[illegible].2	12.8
SSE		.[illegible]	1.[illegible]	2.6	1.3							6.1	11.9
S		.[illegible]	.3	.3	.3							1.2	12.5
SSW													
SW	.[illegible]											.[illegible]	2.0
WSW	.[illegible]											.[illegible]	3.0
W	.[illegible]			.3								.6	7.5
WNW			.[illegible]	.6								1.[illegible]	11.0
NW		1.[illegible]	1.[illegible]	1.[illegible]								4.2	6.7
NNW	.[illegible]	.6	1.8	1.3	.3	.3						4.5	10.9
VARBL													
CALM												.6	
	4.2	7.7	31.0	48.0	6.5	1.0						1.0.0	10.7

TOTAL NUMBER OF OBSERVATIONS 309

SMOS

*U.S. GPO 1984-741-348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 23 (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 21 (HOUR (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.2	2.6	2.6	.3							6.8	8.9
NNE		1.1	.6	1.3								3.5	8.6
NE	.4	1.6	.6									2.6	5.0
ENE	1.0	2.3	.6	.3								4.2	5.6
E	1.1	3.5	2.6									6.1	5.3
ESE	2.1	9.4	3.5	2.6	.3							18.1	6.6
SE	1.2	5.4	13.5	8.1								30.6	8.6
SSE	.6	7.2	8.9	2.6								11.4	8.6
S	.7	1.6	1.0	.3								2.6	7.8
SSW													
SW													
WSW	.7											.7	1.0
W	.1											.1	3.0
WNW													
NW	.6	.6										1.3	3.3
NNW	.4	.3	.3	.6								1.6	7.0
VARBL													
CALM												1.5	
	1.1	10.6	30.4	18.7	.6							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

*U.S. GPO 1984-741-348/201



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 21	KINGSVILLE, TX	73-82		MAR
STATION	STATION NAME	YEARS		MONTH
	ALL WEATHER			ALL
	CLASS			HOURS (L.S.T.)
	OPERATING			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	2.4	1.1	2.1	.7	.2						6.8	8.8
NNE	.1	1.2	2.1	1.7	.1							5.5	8.1
NE	.4	1.5	1.1	.8								3.3	6.7
ENE	.3	1.3	1.2	.6								3.2	6.6
E	1.1	2.2	2.7	1.1								7.5	6.7
ESE	1.1	3.1	3.7	4.3	.4							12.8	6.8
SE	1.1	3.1	5.7	7.0	1.1	.2						18.2	10.1
SSE	.7	2.4	4.1	3.4	.5	.1						11.5	9.4
S	.3	1.1	2.8	1.3	.4							5.5	8.4
SSW	.3	.1	.4	.1	.1							1.1	6.1
SW	.3	.3	.2	.0								1.2	5.8
WSW	.3	.4	.1									1.0	5.3
W	.4	.3	.1	.1	.0							1.1	5.8
WNW	.1	.3	.3	.2	.0							1.2	7.3
NW	.7	.7	.9	.8	.1	.1						3.2	8.5
NNW	.3	.6	1.4	1.7	.2	.0						4.6	9.3
VARBL													
CALM												5.0	
	11.6	32.7	29.1	28.9	3.8	.5						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 2479

SMOS

NUS. GPO 1984-741-348/201



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1--28 (STATION) WINDSVILLE, TX (STATION NAME) 77-82 (YEARS) APR (MONTH)

ALL WEATHER (ELEMENT)

00 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	1.7	3.7	1.3								7.7	7.2
NNE	1.7	1.0	.7	.3								3.7	5.0
NE	1.0	1.0	1.0	.3								3.3	6.0
ENE	[illegible]	1.0	.7									2.7	5.0
E	[illegible]	3.7	.3	.7								9.7	6.0
ESE	[illegible]	2.7	5.0	1.0								10.7	7.1
SE	[illegible]	5.7	11.3	5.3								23.7	8.2
SSE	1.7	3.7	5.3	4.3	1.0							15.7	9.0
S	[illegible]	3.0	2.3	1.3								7.7	7.0
SSW		1.7										1.7	5.0
SW													
WSW	.7	.3										.7	3.5
W	.7											.3	1.0
WNW		.3										.3	4.0
NW		.3		.3								.7	10.0
NNW	.7	1.3	.7									2.0	8.7
VARBL													
CALM												9.0	
	12.7	26.7	28.7	15.0	1.0							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

NAVAL GPO 1984-741-348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13972 KINGSVILLE, TX 73-82 APR
STATION STATION NAME YEARS MONTH

ALL WEATHER 03
CLASS HOURS (L.S.T.)

CONDITIONS

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	4.[illegible]	1.7	.7								9.0	5.8
NNE	.7	1.3	1.3									3.3	4.3
NE	1.[illegible]	1.0	1.0									3.0	5.0
ENE	1.[illegible]	1.0										4.0	2.8
E	3.7	3.3	1.[illegible]	.3								8.3	4.8
ESE	1.[illegible]	3.7	4.[illegible]	1.3								10.0	7.8
SE	.7	5.[illegible]	5.7	4.0								16.3	8.6
SSE	1.7	2.7	6.7	3.7								18.7	8.1
S	1.7	1.3	.7	2.0								7.0	6.9
SSW	.3	.3	.3									1.3	4.3
SW	.7											.7	2.0
WSW	.7	.7										1.3	3.0
W	.7											.7	2.0
WNW													
NW	.3	2.0	.3		.3							3.[illegible]	6.2
NNW	2.0	1.0	1.0	.3								4.3	5.2
VARBL													
CALM												13.0	
	20.3	29.7	22.3	14.3	.3							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 300

*U.S. GPO 1984-741-348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 26 (STATION) KINGSVILLE, TX (STATION NAME) /5-82 (YEARS) APR (MONTH)

ALL WEATHER (CIG) 06 (HOURS (L.S.T.))

(OBSERVER)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	8.0	5.0	1.7								12.0	7.2
NNE	1.3	2.7	1.3	.3								4.7	5.6
NE	2.0	1.3	1.0									4.3	4.3
ENE	1.7	1.0										2.7	3.1
E	4.3	4.0	.3									8.7	3.7
ESE	1.0	5.0	2.0	1.0								9.0	6.1
SE	2.3	8.7	6.3	2.7	.3							18.3	7.3
SSE	1.7	3.0	3.7	2.3								10.3	8.0
S	1.3	1.3	1.3	.3								4.3	5.7
SSW	.7	.7	1.0									2.3	5.6
SW	.3	.7										1.0	3.7
WSW	.7	.3										.7	3.5
W	1.3	.3										1.7	3.0
WNW	.7	.3		.3								1.3	6.0
NW	1.3			.3								1.7	8.8
NNW	1.0	3.0	1.7									5.7	9.7
VARBL													
CALM												11.7	
	23.3	32.3	23.7	8.0	.3							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 108

SMOS

NAVAIR 0025-LP-1084-741-348/201



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1/126 (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

00 (HOURS (L.S.T.))

(OBSERVATION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.7	8.[illegible]	3.3	.7	.3						10.7	10.3
NNE	.3	1.3	2.[illegible]	.7	.3							4.7	8.9
NE	.7	1.3	3.3	.7	.3							6.0	8.6
ENE	.7	2.0	2.0	.3								5.0	6.9
E	1.0	1.7	3.7	1.0								7.4	7.5
ESE	.7	1.3	5.8	4.3	.3							12.0	9.6
SE	.7	2.0	6.7	11.7	.7							21.4	11.0
SSE	.7	1.3	4.7	5.7	.7							13.0	10.2
S		1.[illegible]	2.[illegible]	3.0	1.0							7.4	11.1
SSW		1.7	1.0									2.3	6.3
SW		.[illegible]		.3								.7	9.5
WSW	.7											.3	2.0
W		.7										.3	5.0
WNW	1.[illegible]		.3									1.3	8.0
NW	.7		1.7	.3	.3							3.0	6.6
NNW		.7	.3	1.3								2.3	9.9
VARBL													
CALM												2.[illegible]	
	6.7	16.7	37.1	32.8	6.3	.3						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 299

SMOS

*U.S. GPO 1984-741-348/201



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1-21 | KINGSVILLE, TX | 73-82 | ANN

ALL WEATHER

12

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.3	4.[illegible]	2.3	1.0							11.3	8.8
NNE	.3	1.[illegible]	.7	1.7	.3							4.[illegible]	9.3
NE	.3	1.3	3.7									5.3	7.8
ENE		1.[illegible]	2.[illegible]	.7	.3							4.3	9.1
E	.3	1.7	3.3	3.[illegible]								8.3	9.2
ESE	.7	1.[illegible]	8.7	3.3	1.0							15.3	11.5
SE	.7	2.7	5.[illegible]	12.7	2.3	.3						23.7	11.8
SSE		1.3	1.[illegible]	4.7	2.0	.3						10.3	12.2
S	.3	.7	1.3	2.0	.7	.3						5.0	11.9
SSW		1.[illegible]	1.0	.3								2.3	7.9
SW		.7		.3								.7	8.5
WSW			.3									.3	2.0
W	.3		.7									1.0	8.0
WNW	.3	.3	.7		.3							1.7	8.6
NW		.3	.3	1.[illegible]	.3							2.0	12.2
NNW		.3	1.3	1.7								3.3	11.3
VARBL													
CALM												1.0	
	.3	12.7	30.7	32.7	8.0	1.0						100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

NAVAIR 1994-741-348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13926 (STATION) KINGSVILLE, TX (STATION NAME) 77-82 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

15 (HOURS (L.S.T.))

(LOCATION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	1.3	1.3	4.3	.7	.3						10.7	10.1
NNE	.7	1.3	1.3	.7								3.3	7.7
NE		1.0	2.0	1.0								4.0	8.8
ENE	.3	1.7	2.7	1.0	.7							6.3	9.3
E		1.0	2.3	4.7								7.3	10.7
ESE		1.3	7.3	13.0	4.3							27.0	11.1
SE		.7	3.3	13.3	1.7	.3						21.0	11.9
SSE	.3		1.3	1.0	2.7							7.3	10.2
S		.3	.7	.7								2.0	8.8
SSW		.7	.3									1.0	6.3
SW		.3										.3	6.0
WSW	.7			.3								1.0	5.0
W	.3	.3										.7	8.0
WNW		.7	.3		.3							1.3	8.5
NW	.3			.3		.3						1.0	13.0
NNW		.7	1.3	1.7	.7	.3						4.7	12.4
VARBL													
CALM												1.0	
	2.7	11.7	26.0	43.3	10.0	1.3						100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 300

ENDS

NUS GPO 1984-741-248/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 [illegible] STATION — KINGSVILLE, TX STATION NAME — 73-82 YEARS — APR MONTH

ALL WEATHERS CLASS — 16 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.	3.7	1.7	1.0							8.7	9.6
NNE	.1	1.0	2.3	.7								4.1	8.1
NE	.	.7	2.0	.7								3.	7.8
ENE		.7	2.3									2.7	7.8
E	.7	1.7	10.7	5.0		.7						18.0	10.0
ESE		.7	12.0	18.0	2.3							33.0	12.1
SE			5.0	14.7	2.7							22.3	11.2
SSE				7.0	.3	.3						7.7	16.0
S	.3	.7	.7		.3							1.3	5.8
SSW													
SW													
WSW													
W		.1										.3	6.0
WNW		.										.7	8.0
NW	.3			.3								.7	9.5
NNW		.7	.3	.7								1.7	10.2
VARBL													
CALM												.3	
	2.0	7.3	39.0	48.0	6.7	.7						100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 508

SMOS

NAVAIR 50-1C-50 (REV. 1-80)
S/N 0102-LF-050-5010
U.S. GPO 1984-741-348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 [illegible] KINGSVILLE, TX 71-82 APR
STATION STATION NAME YEARS MONTH

ALL WEATHER 21
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.3	2.	.3	.7							6.3	7.8
NNE	.	1.0	1.0	1.0								3.3	7.8
NE	.7	1.3	1.[illegible]									2.7	5.4
ENE	1.7	2.		.3								4.0	4.5
E	7.7	8.3	3.3	.3								19.3	6.7
ESE	2.3	7.3	8.7	4.7								23.	7.7
SE	1.[illegible]	3.7	10.7	8.3	.3	.3						24.3	9.4
SSE	.[illegible]	1.[illegible]	1.3	4.3								9.7	9.3
S		.7	.3	.3	.3							1.7	11.8
SSW													
SW	.7											.3	1.0
WSW													
W													
WNW													
NW		.7										.3	5.0
NNW					.3							.3	21.7
VARBL													
CALM												3.0	
	17.3	27.7	30.3	19.7	1.7	.3						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

NAVAL GPO 1984-741-348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] STATION — WINGVILLE, TX STATION NAME — [illegible] YEARS — APR MONTH

ALL WEATHER CLASS — ALL HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.[illegible]	[illegible]	2.[illegible]	.5	.1						9.5	[illegible]
NNE	.[illegible]	1.1	1.1	.7	.1							4.2	7.2
NE	.[illegible]	1.1	1.[illegible]	.[illegible]	.[illegible]							[illegible]	6.9
ENE	.2	1.3	1.2	.3	.1							4.1	6.7
E	2.5	1.2	1.1	1.[illegible]		.[illegible]						10.[illegible]	[illegible]
ESE	.[illegible]	2.[illegible]	6.3	6.3	1.1							17.5	10.2
SE	1.2	3.[illegible]	6.5	9.3	1.3	.1						[illegible].3	17.5
SSE	.[illegible]	1.[illegible]	3.3	3.[illegible]	.[illegible]	.1						10.[illegible]	10.1
S	.[illegible]	1.[illegible]	1.1	1.2	.3	.[illegible]						4.5	7.7
SSW	.1	.[illegible]	.5	.[illegible]								1.3	[illegible].1
SW	.[illegible]	.2		.1								.[illegible]	[illegible].3
WSW	.[illegible]	.2	.[illegible]	.[illegible]								.[illegible]	[illegible].9
W	.[illegible]	.[illegible]	.[illegible]									.[illegible]	[illegible].8
WNW	.[illegible]	.3	.2	.[illegible]	.1							.[illegible]	[illegible].7
NW	.[illegible]	.[illegible]	.3	.3	.1	.[illegible]						1.5	[illegible].6
NNW	.[illegible]	.[illegible]	.[illegible]	.7	.1	.[illegible]						3.[illegible]	[illegible].5
VARBL													
CALM												[illegible].1	
	1.[illegible]	2.[illegible]	29.5	27.[illegible]	[illegible].5	.5						100.[illegible]	[illegible].5

TOTAL NUMBER OF OBSERVATIONS 2198

SMOS

*U.S. GPO 1984-741-348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 2 — STATION
[illegible] — STATION NAME
[illegible] — YEARS
MAY — MONTH

ALL WEATHER — CLASS
06 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.3	.7									[illegible]	[illegible]
NNE	1.0	1.6	.4	.3								3.[illegible]	[illegible]
NE	1.2	1.6	.8									3.[illegible]	[illegible]
ENE	[illegible]	1.0	.3									[illegible]	5.2
E	1.[illegible]	2.3	1.6									[illegible]	[illegible]
ESE	2.[illegible]	4.5	6.1	1.0								1.[illegible]	[illegible]
SE	1.0	2.1	2.7	1.[illegible]	.7							21.[illegible]	7.4
SSE	1.0	3.[illegible]	[illegible]	2.3	.3							11.4	7.6
S	1.[illegible]	1.[illegible]	1.7	1.[illegible]								[illegible]	[illegible]
SSW		[illegible]	[illegible]									1.3	[illegible]
SW		[illegible]	.7									[illegible]	7.[illegible]
WSW	1.0	[illegible]										1.[illegible]	[illegible]
W		[illegible]										1.[illegible]	[illegible]
WNW													
NW		[illegible]	[illegible]									[illegible]	7.0
NNW	[illegible]	1.0	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												1.[illegible]	
	21.7	2[illegible]	25.1	8.4	1.0							100.[illegible]	[illegible]

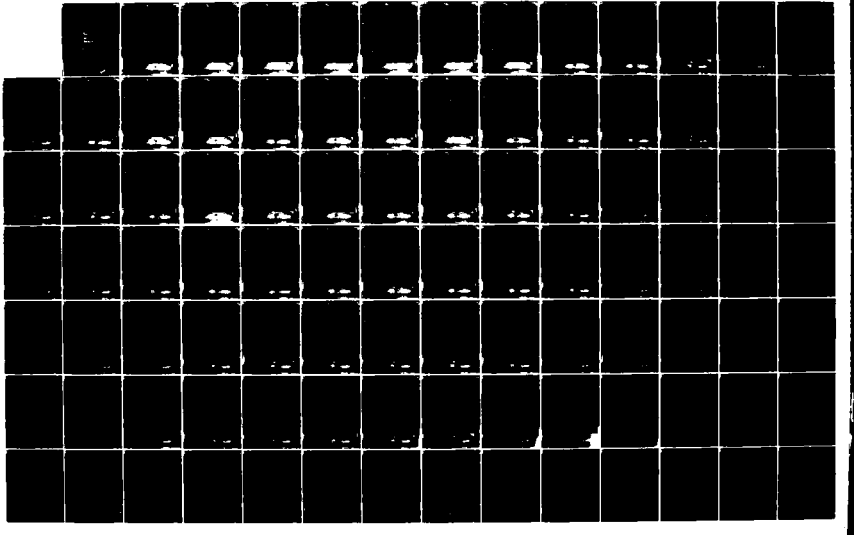
TOTAL NUMBER OF OBSERVATIONS [illegible]10

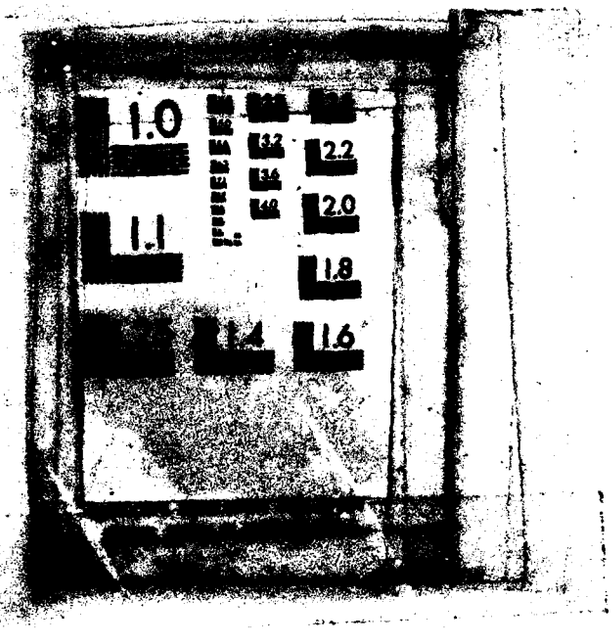
BMOS

#U.S. GPO 1984-74: 348/201

AD-A150 092 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 2/4
KINGSVILLE TEXAS(U) NAVAL OCEANOGRAPHY COMMAND
DETACHMENT ASHEVILLE NC SEP 84

UNCLASSIFIED F/G 4/2 NL




1.0
1.1
2.2
2.0
1.8
1.6



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

YEARS _____ HOURS (L.S.T.) _____

MONTH _____

OBSERVER _____

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X		

TOTAL NUMBER OF OBSERVATIONS _____

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1722 KINGSVILLE, TX 73-82 MAY

ALL WEATHER 03

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	%	MEAN WIND SPEED
N	1.9	2.3	1.0									5.2	4.9
NNE	1.6	1.6	.3	.3								3.9	4.3
NE	1.3	1.9	.6									3.9	4.8
ENE	1.0	.3	.6									1.9	4.4
E	3.2	4.2	.3	.3								8.1	4.3
ESE	2.3	3.9	5.2	1.3								12.6	6.7
SE	3.6	8.1	5.5	1.9	.3							19.4	6.3
SSE	3.2	5.2	4.6	1.3	.3							14.8	6.6
S	1.0	1.3	1.0	1.0								4.2	7.0
SSW	.3	.3	.6									1.3	6.3
SW	.6											.6	2.5
WSW	.3	.3										.6	3.5
W	.6	.3										1.0	9.0
WNW		.3										.3	9.0
NW	.3	1.6										1.9	9.0
NNW	1.0	1.9	.3	.3								3.5	9.1
VARBL													
CALM												17.1	
	22.3	33.3	20.0	6.5	.6							100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 310

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12916 KINGSVILLE, TX 73-82 MAY

ALL WEATHER 06 (L.S.T.)

WIND DIRECTION	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56+	%	MEAN WIND SPEED
N	2.9	5.7	1.9	.3								10.9	3.2
NNE	2.6	1.6	1.3									5.5	4.9
NE	2.9	1.3										4.2	2.6
ENE	2.9	1.0										3.9	3.3
E	4.3	4.2	2.6									11.7	4.6
ESE	4.2	5.3	9.8	.6								19.9	5.8
SE	1.3	6.8	5.2	.4								14.0	6.2
SSE	1.0	4.3	2.6	1.3								9.1	6.6
S	1.8	2.6	1.9	.8								6.2	6.3
SSW				.3								.3	12.0
SW	.3											.3	3.0
WSW	.4				.2							.6	2.8
W	1.0	.3										1.3	2.8
WNW	.3	.8		.3								1.3	3.8
NW	.3	1.3	.3	.3								2.3	6.7
NNW	1.8	1.3		.3								3.5	4.3
VARIA													
CALM												11.6	
	27.3	36.3	29.5	6.8								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 184

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12928 KINGSVILLE, TX 73-82 MAY

ALL WEATHER 09

WIND DIRECTION	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56+	%	MEAN WIND SPEED
N	.6	1.4	2.6	1.9								6.5	8.6
NNE	.3	1.9	1.0	.3	.6							3.2	8.2
NE	.6	.6	2.3	.3								3.9	7.0
ENE	.3	1.6	1.3	1.0								3.9	7.2
E	1.0	2.9	4.9	.6								9.4	7.8
ESE	.6	2.9	5.8	5.8	.3							15.3	9.1
SE	.6	2.6	8.1	9.4								20.7	9.9
SSE	.6	2.6	10.0	5.5	1.0							19.1	9.3
S	.3	1.0	5.2	2.6								9.1	9.8
SSW				.3								.3	12.0
SW			.3									.3	10.0
WSW		.6	.3									1.0	7.0
W		.3										.3	6.0
WNW													
NW	.3		.3	.6								1.3	9.5
NNW	.6	1.0	.6		.3							2.6	6.8
VARBL													
CALM												2.3	
	6.1	19.7	52.1	37.6	3.2							100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 309

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12928 KINGSVILLE, TX 73-82 MAY

ALL WEATHER 12

DIR / SPEED (KTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56+	%	MEAN SPEED
N		1.0	1.6	.6								3.9	7.8
NNE	1.0	1.0	2.3	.6								4.9	7.9
NE	.3	1.0	.6	1.0								2.8	8.0
ENE	1.0	.6	1.0	.3								3.1	7.0
E	.3	1.9	3.9	1.3								7.9	8.3
ESE		1.3	3.9	10.3	.3	.3						20.6	11.3
SE	.3	2.3	7.1	10.0	1.6							21.3	11.0
SSE	1.3	1.6	4.3	4.2	.6	.3						12.6	10.2
S	1.6	2.6	3.6	1.3	.3							10.3	8.7
SSW	.6	1.0	.3	.3								2.3	8.6
SW		.3										.3	6.0
WSW	.6		.3									1.0	5.0
W	.3	.3										.6	2.5
WNW		.6		.3								1.0	7.0
NW			.3	.6	.3							1.3	12.0
NNW	.3	1.3	1.6	1.0								4.2	8.6
VRBL													
CALM												1.3	
	7.7	18.3	35.8	35.8	3.0	.9						100.0	9.0

[illegible] 618

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13928 KINGSVILLE, TX 73-82 MAY

ALL WEATHER

15

WIND DIRECTION	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56+	%	MEAN WIND SPEED
N		1.0	2.9	.8								5.2	7.9
NNE		1.3	1.6	.2								3.2	7.0
NE	.3	1.6	1.3	1.0								4.2	7.7
ENE	.3	1.2	3.2	1.3								5.8	8.0
E		1.8	3.7	5.3	.3							11.4	10.8
ESE	.6	1.9	8.1	18.7	2.2							31.4	11.9
SE		.7	3.3	13.3	1.9							21.2	12.8
SSE	.3	1.0	2.3	3.3	1.0	.3						7.1	11.5
S	.3	.3	1.0	.8	.2							2.6	9.9
SSW													
SW			.3									.3	8.0
WSW	.3											.3	2.0
W				.3								.3	12.0
WNW			.3									.3	6.0
NW		.6	.6									1.3	7.3
NNW	.3	.3	1.9	1.3								3.9	9.9
VARB													
CALM												1.0	
	2.6	11.3	33.9	45.3	5.6	.3						100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 310

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12928 KINGSVILLE, TX 73-82 MAY

ALL WEATHER

18 HOURS (L.S.T.)

DIRECTION	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56+	%	MEAN WIND SPEED
N		1.0	1.9	1.3								4.2	6.8
NNE	.3	1.0	1.3	.3			.3					3.2	7.5
NE		.5	1.1									1.9	5.8
ENE	.3	1.4	1.9									3.8	6.7
E		1.8	11.3	5.8								19.0	9.8
ESE		.3	11.3	20.8	1.3							37.9	12.2
SE			3.5	13.9	3.2							20.4	13.2
SSE		1.0	1.0	2.3	.8	.3						5.4	12.7
S													
SSW													
SW													
WSW													
W													
WNW	.3	.3	.8									1.2	5.3
NW													
NNW			.5									.5	7.0
VARIA.													
CALM												.3	
	1.0	7.8	37.1	46.3	5.3	.3	.3					100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 310

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12928 KINGSVILLE, TX 73-82 MAY

ALL WEATHER 21

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	1.0	.3	.3								1.9	6.8
NNE	1.0	1.3	.3	.3								2.9	5.3
NE	.6	1.3	.6	.3								2.9	6.1
ENE	3.5	1.6	.6	.3								6.1	4.1
E	2.9	8.1	2.3	.3								13.5	6.9
ESE	6.5	9.0	11.6	3.9								29.0	7.1
SE	2.5	8.1	10.6	8.1								29.0	8.6
SSE	.3	1.3	4.2	2.9								8.7	9.6
S			1.6									1.6	9.0
SSW		.3										.3	5.0
SW	.3											.3	3.0
WSW													
W	.3	.6										1.0	4.0
WNW		.3										.3	4.0
NW	.3											.3	3.0
NNW			.3									.3	10.0
VRBL													
CALM												1.6	
	16.5	32.9	32.6	16.5								100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 310

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12928 KINGSVILLE, TX 73-82 MAY

ALL WEATHER ALL

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	1.9	1.6	.6								5.0	6.6
NNE	1.1	1.3	1.1	.3	.1		.0					4.0	6.4
NE	1.0	1.3	.9	.3								3.5	5.8
ENE	1.4	1.1	1.4	.4								4.2	5.9
E	2.0	3.3	4.1	1.7	.0							11.1	7.1
ESE	2.0	3.7	7.6	8.4	.5	.0						22.2	9.5
SE	1.2	4.4	6.8	7.6	.9							21.0	9.5
SSE	1.1	2.6	3.5	2.7	.5	.1						11.0	8.9
S	.7	1.2	1.8	1.1	.1							4.9	8.1
SSW	.1	.3	.2	.1								.7	6.8
SW	.2	.1	.1									.4	5.4
WSW	.4	.2	.1									.7	4.1
W	.3	.4		.0								.7	4.1
WNW	.1	.3	.0	.1								.5	5.7
NW	.2	.5	.2	.2	.0							1.1	7.3
NNW	.5	.8	.7	.4	.1							2.5	7.1
VARBL													
CALM												5.7	
	13.1	23.8	31.2	28.0	2.3	.2	.0					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 2477

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12128 (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

00 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.0	.3									2.3	4.1
NNE	1.3	.7										2.0	5.0
NE	.3	.3										.7	3.0
ENE			.7									.3	7.0
E	7.0	1.3		.3								8.7	7.2
ESE	3.0	1.3	4.0	.7								9.0	5.8
SE	6.3	7.3	8.3	2.7								24.7	6.1
SSE	5.3	11.3	10.7	1.3	.3							29.0	6.5
S	2.3	3.3	2.0	.7	.7							9.0	6.7
SSW		.7										.7	4.0
SW													
WSW	.3											.3	3.0
W													
WNW	.3	.3										.7	4.5
NW	.3											.3	2.0
NNW		.3										.3	4.0
VARBL													
CALM												12.0	
	27.7	28.0	25.7	5.7	1.0							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 300

NAVAL

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1[illegible]2A — KINGSVILLE, TX — 73-82 — JUN

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 03

CLASS — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	.7	.3									2.0	3.5
NNE	1.3	1.3		.3								3.0	4.3
NE	.3	.3	.3	.3								1.3	5.0
ENE	.7	.7	.3									1.7	3.6
E	2.0	1.0										3.0	2.3
ESE	3.7	1.3	1.0									6.0	3.7
SE	3.7	5.3	5.7	.7								15.3	5.8
SSE	6.3	9.3	5.7	1.0								22.0	5.3
S	6.3	6.0	2.7	1.7								16.7	5.2
SSW	1.7	.3	.3									2.3	3.3
SW	.7											.7	2.0
WSW	1.0											1.0	2.7
W	1.3	.3										1.7	2.2
WNW	1.0											1.0	2.0
NW	1.3	.3										1.7	3.2
NNW	1.7	.7	.3									2.7	3.8
VARBL													
CALM												18.0	
	34.3	27.3	16.7	3.0								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 300

5NOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 [illegible] 28 — STATION
KINGSVILLE, TX — STATION NAME
73-82 — YEARS
JUL — MONTH
ALL WEATHER — CLASS
[illegible] — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	3.3	.7									6.0	3.6
NNE	2.3	1.0	.7									3.7	3.1
NE	1.7	.3	.3									2.	3.2
ENE	1.7		.7									2.3	2.8
E	2.3	.3	1.7									4.7	3.3
ESE	2.3	2.3	.3									5.0	3.7
SE	7.0	6.3	4.3	1.3								15.7	6.0
SSE	4.7	8.3	4.7	1.3								19.0	5.5
S	1.0	2.0	2.7	.3								6.0	6.1
SSW	.7	.3										1.0	2.7
SW													
WSW	1.7											1.	1.7
W	1.7											1.0	2.0
WNW		.3										.3	3.0
NW	1.3	1.3										2.7	3.4
NNW	2.3	.3	.7									3.3	3.4
VARBL													
CALM												25.3	
	30.7	26.0	15.	3.0								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 300

EMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 2 STATION | KINGSVILLE, TX STATION NAME | 73-82 YEARS | JUN MONTH

ALL WEATHER CLASS | 08 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.0	1.7	.3								3.3	7.0
NNE	.3	2.7	1.3									4.3	5.5
NE	.7	1.3	.3									2.0	4.5
ENE	1.3	.7	1.3	.3								3.3	6.4
E	1.7	1.0	1.3	.3								4.3	5.5
ESE	.7	2.7	3.7	2.0								9.0	8.1
SE	.7	3.3	5.3	4.0	.3							13.3	9.3
SSE	1.3	2.3	13.7	10.3	.3							26.0	9.7
S	1.7	4.7	5.7	9.7	.7	.3						22.7	9.7
SSW		.7	.7	.3								1.3	7.0
SW	.3		.7									.7	4.5
WSW		.3										.3	9.0
W	1.0	.3										1.3	2.5
WNW		.7		.3								.7	8.0
NW		.3										.3	4.0
NNW	.3	2.0	.3		.3							3.0	6.7
VARBL													
CALM												2.3	
	10.0	22.7	35.3	27.7	1.7	.3						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 300

8MOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13926 KINGSVILLE, TX 73-82 JUN

ALL WEATHER 12

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	1.0	.7	1.0								3.0	8.3
NNE	.3	2.0	1.3	.7								4.3	7.0
NE	.7	.3	1.7	.3								3.0	7.1
ENE	1.0	2.0	1.0									4.0	5.8
E	.7	2.3	3.3	.3								6.7	6.9
ESE	.3	2.3	6.0	5.7	.3							14.7	10.0
SE	.3	4.0	7.0	13.3	.7		.3					25.7	10.9
SSE	.7	4.7	7.3	5.0	1.3	.3						19.3	9.7
S	.7	2.7	5.3	2.0								10.7	8.1
SSW	.3	.7	.3	.7								2.0	7.7
SW		.3										.3	6.0
WSW	.3		.3									.7	6.0
W	.3											.3	3.0
WNW	.3											.3	2.0
NW			.7	.3								.7	9.5
NNW		.7		.3								1.0	7.3
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	3.3	
	6.3	23.0	39.7	29.7	2.3	.3	.3					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 300



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12922 (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

15 (HOURS (L.S.T.))

(OBSERVERS)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	56	%	MEAN WIND SPEED
N		.7	.3	.7								1.7	9.4
NNE		.7	1.3									2.0	6.8
NE	.7	1.7	2.0									4.3	6.2
ENE	.3	1.3	3.0	.3								5.0	7.8
E	1.0	2.3	8.0	2.7								13.0	8.5
ESE		1.3	11.0	17.7	2.0	.3						32.0	11.9
SE	.3	1.7	6.3	12.7	5.3							26.3	12.7
SSE	.7	1.7	1.3	3.7	1.0	.7						9.0	11.9
S		.3	1.0	1.0	.7							3.0	11.4
SSW		.3		.3								.7	8.5
SW													
WSW													
W													
WNW			.3									.3	7.0
NW		.3	.3									.7	6.0
NNW		.3	.7									1.0	8.3
VARBL													
CALM												.0	
	3.0	12.3	39.7	39.0	9.0	1.0						100.0	10.9

TOTAL NUMBER OF OBSERVATIONS 300

(REMARKS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12920 KINGSVILLE, TX 73-82 JUN

ALL WEATHER 18

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56+	%	MEAN WIND SPEED
N		.7	.3	.7								1.7	8.2
NNE	.3	.3	1.0									1.7	6.4
NE		.3	.3									.7	6.0
ENE		1.3	2.0	.7								3.7	8.2
E	.3	2.7	12.0	5.3								20.3	9.1
ESE		1.7	10.0	17.3	.7							29.7	11.3
SE	.3	.7	9.7	22.3	6.3	.3						39.7	13.3
SSE	.3	.7	.3	2.7	1.7	.3						6.0	13.9
S													
SSW	.3											.3	1.0
SW													
WSW													
W	.3											.3	3.0
WNW													
NW		.3										.3	4.0
NNW													
VARB.													
CALM	X	X	X	X	X	X	X	X	X	X	X	.7	
	2.0	8.3	39.7	49.0	8.7	.7						100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 108

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12928 KINGSVILLE, TX 73-82 JUN

ALL WEATHER 21

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	.7		.3								1.7	5.8
NNE	1.0	.3										1.3	3.3
NE	1.0	.7	.3									2.0	9.2
ENE	2.3	1.0										3.3	2.9
E	7.3	5.7	1.3									14.0	3.8
ESE	7.0	10.0	6.7	2.3								26.0	5.8
SE	3.0	9.7	15.7	8.3								36.0	8.2
SSE	.3	1.3	3.3	5.0								10.0	10.1
S	.3	.7		1.0								2.0	9.0
SSW													
SW	.3											.3	2.0
WSW													
W													
WNW		.7										.3	9.0
NW													
NNW		.3										.3	9.0
VARB.													
CALM												2.7	
	21.3	30.7	29.3	17.0								100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 300



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12928 KINGSVILLE, TX 73-82 JUN

ALL WEATHER ALL

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56+	%	MEAN WIND SPEED
N	.7	1.1	.5	.4								2.7	5.8
NNE	.9	1.1	.7	.3								2.8	5.1
NE	.6	.8	.7	.3								2.3	5.8
ENE	.9	.8	1.0	.2								2.9	5.8
E	3.2	2.1	3.3	1.1								9.7	6.2
ESE	2.1	2.8	5.3	5.7	.4	.0						16.9	9.0
SE	2.2	4.7	7.1	8.2	1.6	.0	.0					23.9	9.6
SSE	2.3	4.9	5.9	3.8	.8	.2						17.8	8.1
S	1.5	2.5	2.4	2.0	.2	.0						8.7	7.7
SSW	.4	.3	.2	.2								1.0	5.6
SW	.2	.0	.0									.2	3.8
WSW	.3	.0	.0									.4	3.2
W	.3	.1										.6	2.4
WNW	.2	.2	.1	.0								.5	4.8
NW	.5	.3	.1	.0								.8	4.2
NNW	.3	.6	.2	.0	.0							1.3	5.1
VARBL													
CALM												8.3	
	17.1	32.8	37.5	23.8	3.0	.2	.0					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 2400



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 KINGSVILLE, TX 73-82 AWS

ALL WEATHER 00

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56+	%	MEAN WIND SPEED
N	.3	.3										.6	3.5
NNE	.5	.3										1.0	2.8
NE	.3	.3										.6	3.0
ENE	1.3			.3								1.6	9.0
E	1.6	1.0										2.6	3.8
ESE	3.5	2.6										6.1	3.8
SE	5.9	12.4	8.7	.6								27.7	5.5
SSE	6.8	18.1	11.9	1.3								38.1	5.8
S	.3	6.2	3.9	.3								11.2	6.2
SSW	.6	.3										1.0	2.7
SW													
WSW													
W													
WNW													
NW		.3										.3	5.0
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	9.0	
	21.3	43.6	24.5	2.6								100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 310

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12928 HARLINGEN, TX 73-82 JUL

ALL WEATHER 07

WIND DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56+	%	MEAN WIND SPEED
N	1.3	.3										1.6	2.8
NNE													
NE	1.3											1.3	2.0
ENE	1.0	.3										1.3	2.0
E	1.0		.3									1.3	3.0
ESE	2.3	.3										2.9	2.8
SE	7.1	5.8	2.6	.6								15.8	6.0
SSE	12.8	15.8	3.2									31.8	9.0
S	8.1	8.9	2.8	.3								19.0	9.3
SSW	.3	.6										1.0	3.0
SW	.3	1.0										1.3	9.3
WSW	.3											.6	3.0
W	.3	1.0										1.3	3.0
WNW	.3											.3	3.0
NW	.3											.3	3.0
NNW	.6	.3										1.0	2.7
VRBL													
CALM	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	18.1	
	39.8	37.2	8.9	1.0								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 310



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12926 KINGSVILLE, TX 73-82 JUL

ALL WEATHER 06

DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56+	%	MEAN WIND SPEED
N	1.9	.6										2.6	2.5
NNE	1.6	1.0										2.6	3.0
NE	2.3	1.0										3.2	2.8
ENE	.6	.6										1.1	3.8
E	5.2	1.2	.3									6.5	2.7
ESE	6.1	1.3		.3								7.8	2.9
SE	10.8	8.7	1.6	.3								21.0	3.9
SSE	6.5	7.8	1.3									15.5	3.9
S	3.9	1.2	.6									5.5	3.8
SSW	.3	.3										.6	3.0
SW	.3											.3	3.0
WSW		.3										.3	6.0
W													
WNW													
NW		.6										.6	4.0
NNW	1.9											1.9	2.0
VRBL													
CALM												30.1	
	41.1	28.3	3.9	.6								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 309

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12928 KINGSVILLE, TX 73-82 JUL

ALL WEATHER* 09

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	1.3	.6									2.3	5.6
NNE	1.9	.6										2.6	2.9
NE	.3											.3	3.0
ENE	1.6	.3										1.9	2.3
E	1.9		1.0									2.9	4.1
ESE	.6	1.9	.6	.6	.3							4.2	7.8
SE	1.6	2.9	2.9	2.9								10.3	7.8
SSE	2.6	6.1	15.2	9.0								32.9	8.6
S	1.6	5.8	17.1	9.0	.3							33.5	8.9
SSW		2.3	1.0									3.2	6.3
SW	.3		.3									.6	5.0
WSW		1.0	.3									1.3	5.8
W													
WNW													
NW	.3											.3	3.0
NNW		1.0	.3									1.3	5.8
VARB.													
CALM												2.3	
	13.8	28.9	39.4	21.4	.6							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 310

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

17?28 (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

17 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.7		.3								1.4	5.8
NNE	1.0	.6	.3									1.9	4.5
NE	1.0	.6	1.3									2.9	5.8
ENE	.3	.3	.6	.3								1.6	7.8
E	1.9	1.6	2.3	.6								6.5	6.0
ESE	2.6	5.5	10.0	1.9	.3							20.3	7.4
SE	1.3	3.2	11.0	6.8	1.0							23.2	9.6
SSE	1.3	4.2	9.0	3.9	1.0							19.4	9.0
S	1.3	6.1	5.2	4.8								17.4	7.9
SSW	.3		1.0	.3								1.6	8.4
SW	.3		.3									.6	4.5
WSW	.3											.3	2.0
W	.3	.3										.6	4.0
WNW		.3										.3	5.0
NW													
NNW		.3										.3	5.0
VARIA.													
CALM												1.3	
	11.9	29.5	61.0	19.0	2.3							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 310

5NOO

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1[illegible] (DIVISION) KINGSVILLE, TX (STATION NAME) 73-8[illegible] (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 1[illegible] (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE		.[illegible]	.3	.6								1.3	9.8
NE		.6										.6	5.5
ENE	.[illegible]	1.3	.3	.6								2.5	7.0
E	.3	1.9	4.2	3.9								10.3	9.3
ESE	.3	3.2	11.0	23.5	2.3							40.3	11.7
SE	.3	1.9	9.7	15.5	3.5	.3						31.3	12.0
SSE	.3	1.6	1.6	3.5	1.3							8.4	11.0
S		.3	.6	.3								1.3	9.3
SSW	.[illegible]	.3										.4	4.5
SW													
WSW			.[illegible]									.3	10.0
W	.6											.6	2.0
WNW		.[illegible]	.3									.5	6.0
NW					.[illegible]							.[illegible]	21.0
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	1.3	
	2.4	11.9	2[illegible].4	48.1	7.4	.3						1[illegible].0	11.0

TOTAL NUMBER OF OBSERVATIONS [illegible]310

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 [illegible] (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 11 (HOURS (L.S.T.))

(OPERATION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE		1.0										1.0	4.3
NE		.[illegible]	.7									.6	7.5
ENE	.3	.3	.6									1.3	6.3
E		1.[illegible]	6.1	2.9								10.6	7.2
ESE	.3	3.2	1[illegible].6	27.7	1.9							43.9	11.7
SE	.7	.3	3.5	25.5	3.9	.3						33.[illegible]	13.8
SSE		.[illegible]	.3	4.5	2.3							7.7	14.2
S				.6								.6	12.0
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												.1	
	1.0	7.4	21.6	61.3	8.1	.3						100.0	12.1

TOTAL NUMBER OF OBSERVATIONS 716

NWDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] KINGSVILLE, TX 73-82 JUL
STATION STATION NAME YEARS MONTH

ALL WEATHER 21
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE			.7									.7	5.0
ENE	1.0											1.	2.0
E	3.9	4.5	.3	.3								[illegible]	4.[illegible]
ESE	5.2	10.0	9.0	1.6	.3							26.	6.1
SE	1.4	11.9	27.7	6.8								48.1	8.2
SSE	.3	1.3	5.[illegible]	2.9								1[illegible].3	.4
S	.7	.6	.3	1.0								2.3	.9
SSW													
SW													
WSW		.3										.3	.[illegible]
W			.3									.[illegible]	1.0
WNW													
NW													
NNW													
VARBL													
CALM												1.	
	1.[illegible]	28.7	43.9	12.6	.3							1[illegible].0	7.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]10

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1[illegible] KINGSVILLE, TX — 73-82 — JUL
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — ALL
CLASS — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.6	.1	.2								1.1	4.0
NNE	.6	.5	.1	.1								1.3	4.0
NE	.5	.4	.2									1.1	4.2
ENE	.3	.4	.2	.2								1.7	4.7
E	2.3	1.5	1.8	1.0								6.2	5.2
ESE	2.2	3.5	5.2	7.3	.6							19.2	8.1
SE	3.5	5.3	8.4	7.9	1.0	.1						26.4	8.1
SSE	3.3	6.3	6.1	3.1	.6							20.4	7.1
S	1.9	3.6	3.8	2.1	.0							11.4	7.1
SSW	.2	.5	.2	.0								1.0	5.5
SW	.2	.1	.1									.4	3.1
WSW	.1	.2	.1									.3	5.3
W	.2	.2	.0									.4	3.9
WNW	.0	.1	.0									.2	4.5
NW	.1	.1			.0							.2	6.3
NNW	.3	.2	.1									.6	3.9
VARBL													
CALM												8.0	
	17.9	24.4	26.4	20.9	2.3	.1						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 2479

8MOB



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13926 (STATION) MCKINNEY, TX (STATION NAME) 73-82 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 00 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.4		.7									2.9	2.8
NNE	.3											.7	2.0
NE	.6											.6	2.5
ENE	1.3						.7					2.3	5.7
E	2.9	1..										3.9	2.7
ESE	4.5	3.2	.6									8.4	3.7
SE	5.2	11.3	8.4									24.5	5.5
SSE	3.9	11.3	8.7	1.3								25.2	6.1
S	2.6	2.9	1.9									7.4	5.0
SSW	.3		.7									.5	6.5
SW	.6		.3									1.0	5.3
WSW	.4	.3										1.0	2.3
W	.6											.6	2.0
WNW													
NW	.6											.6	3.0
NNW	1.0	.3										1.3	2.3
VARBL													
CALM												19.4	
	29.4	30.0	20.6	1.3			.7					100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 310

8M06

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1[illegible]28 (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 03 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.2	.3		.3								3.9	7.1
NNE	.6	.3										1.0	3.3
NE	1.0	.3										1.3	2.8
ENE	.6	.3						.3				1.3	1[illegible].8
E	1.9											1.9	2.0
ESE	1.3	1.0										2.3	2.8
SE	6.5	5.5	2.9	.3								15.2	4.6
SSE	7.0	7.4	2.9	.3								19.7	4.3
S	6.5	6.8	1.6									13.9	4.1
SSW	1.3	1.6										2.6	3.6
SW	.3											.3	1.0
WSW	.3	.6										1.0	3.3
W	1.9											1.9	2.0
WNW	1.0	.3										1.3	2.3
NW	3.2											3.2	2.3
NNW	1.9	.6										2.6	2.8
VARBL													
CALM												26.3	
	39.7	25.2	7.4	1.0				.3				100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 310

8806

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[redacted] KINGSVILLE, TX 73-82 AUG

ALL WEATHER 06

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56+	%	MEAN WIND SPEED
N	6.4	2.6										11.0	2.8
NNE	2.9	1.8		.3								4.9	3.5
NE	2.9											2.9	1.7
ENE	4.2	.3										4.5	2.3
E	4.9	1.3						.3				6.1	4.2
ESE	1.9	1.3	.3									3.2	3.8
SE	8.1	3.9	1.3	.3								13.6	3.8
SSE	3.6	8.7	1.6									13.9	4.8
S	1.0	1.3	1.0	.3								3.6	5.1
SSW		1.0										1.0	4.0
SW	.6											.6	1.5
WSW	.6	.3										1.0	3.7
W													
WNW	.6											.6	2.5
NW	1.3	.3										1.6	2.8
NNW	3.6	1.3										4.8	2.6
VARBL													
CALM												27.5	
	44.3	22.7	4.2	1.0				.3				100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 309

ERCS



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1[illegible]28 KINGSVILLE, TX 73-82 AUG

ALL WEATHER 09

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56+	%	MEAN WIND SPEED
N	1.9	3.5	.8									6.1	4.9
NNE	.8	2.6	1.9		.3							5.3	6.3
NE	1.6	1.1	.3									2.9	3.9
ENE	2.3	2.6	.8									5.3	4.8
E	1.6	.3										1.9	2.7
ESE	.8	2.3	1.1									3.9	5.3
SE	1.3	1.9	9.4	3.9								11.6	8.3
SSE	.3	3.2	11.6	5.8	1.0				.3			23.2	9.8
S	1.9	3.2	10.3	6.8	.3							22.6	9.0
SSW	.8	1.6	.8									2.9	5.2
SW	.8		1.1	.3								2.3	6.7
WSW	1.0											1.0	2.3
W	.3											.3	2.0
WNW													
NW	1.1	.3										1.6	2.8
NNW	.3	.3										.6	3.0
VARIB.													
CALM												7.1	
	16.1	28.8	33.7	16.8	1.6				.3			100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 310



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13928 KINGSVILLE, TX 73-82 AUG

ALL WEATHER 12

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56+	%	MEAN WIND SPEED
N		1.7	1.3	.3								2.5	6.6
NNE	1.3	1.6	.3	.3		.3						3.9	6.3
NE	1.3	.6	1.6									3.5	5.8
ENE	.3	2.3	2.3	.6								5.5	6.7
E	1.9	6.1	2.9	.6								11.6	6.0
ESE	.6	1.9	8.6	2.6	.3							13.9	9.0
SE	1.0	4.2	7.7	5.0	1.0							19.7	9.3
SSE	1.9	4.8	6.8	5.8	.3	.3						19.7	8.7
S	1.0	2.9	3.5	1.9								9.4	8.2
SSW		1.6		.6								2.3	7.6
SW	.3											.6	2.5
WSW													
W	1.0											1.0	2.3
WNW	.6											.6	2.5
NW		.3										.3	4.0
NNW	.3	1.6										1.9	4.2
VARB.													
CALM												3.5	
	11.7	29.8	38.5	18.9	1.6	.6						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 310

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1- 26 (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) AUG (MONTH)

ALL WEATHER (TIME)

15 (HOURS (L.S.T.))

(OBSERVER)

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0		.7	.3								1.6	5.0
NNE		.4	.6	.6		.3						2.3	10.6
NE	.3	1.3	1.0									2.3	5.4
ENE	.3	1.3	1.0	.6								3.3	7.7
E	.6	2.6	3.1	3.2								10.5	9.0
ESE	1.3	2.6	10.0	12.0	3.2							29.1	11.7
SE	1.3	1.3	6.6	11.0	2.3	1.0						23.2	12.3
SSE	.6	1.3	1.3	3.9	.3	.6						8.1	11.8
S	.3	.3	1.3	.3								2.3	7.6
SSW													
SW				.3								.3	12.0
WSW	.3											.3	1.0
W													
WNW													
NW													
NNW			.3									.3	9.0
VARIABLE													
CALM												2.3	
	4.1	11.3	31.8	31.3	5.8	1.9						100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 310

NOTES

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 26 KINGSVILLE, TX 73-82 AUG

ALL WEATHER 18

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE						.3						.3	26.0
NE		.3										.3	6.0
ENE	.3	.6	1.3		.3							2.9	7.4
E	.4	3.8	9.7	1.9	.3							16.1	8.6
ESE	.9	3.5	12.6	21.6	1.9							40.3	11.3
SE		1.3	8.7	15.8	4.8	.3						30.6	12.6
SSE	.3	.3	.6	3.5	.6							5.5	12.9
S		.3	.6	.3								1.3	9.0
SSW													
SW													
WSW													
W													
WNW		.3										.3	9.0
NW	.3											.3	1.0
NNW	.4		.3									.6	5.5
VARBL													
CALM												1.3	
	2.9	10.3	33.5	42.9	8.1	.6						100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 310

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

10-29 KINGSVILLE, TX 74-82 AUG

MIL WEATHER 21

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	%	MEAN WIND SPEED
N	.6	.3										1.0	2.3
NNE	.7	.3				.3						1.0	10.3
NE	1.8		.6									2.3	6.1
ENE	1.5	1.7										2.3	3.0
E	7.4	5.2	.6									13.2	3.2
ESE	4.5	12.6	7.7	1.3								26.1	5.9
SE	3.5	10.0	12.9	6.8	.6							33.7	7.9
SSE	1.9	1.9	3.9	3.2								11.0	6.9
S	1.3	.3	.3									1.9	3.8
SSW													
SW													
WSW													
W		.6										.6	4.0
WNW													
NW													
NNW	.6											.6	2.0
VARB.													
CALM												4.2	
	29.3	32.3	26.1	11.3	.6	.3						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 310



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 23 — KINGSVILLE, TX — 73-82 (YEARS) — AWS (SOURCE)

ALL WEATHER (CLASS) — ALL (WIND (L.S.V.))

(CONDITION)

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56+	%	MEAN WIND SPEED
N	2.2	1.0	.3	.1								3.6	3.6
NNE	.4	.8	.4	.2	.0	.2						2.0	6.6
NE	1.2	.4	.4									2.0	4.1
ENE	1.9	1.0	.8	.2	.0		.0	.0				3.6	5.6
E	2.9	2.9	2.7	1.0	.0			.0				9.2	6.1
ESE	2.5	3.5	5.1	5.0	.7							16.4	9.1
SE	3.3	8.2	6.7	3.9	1.1	.2						21.5	8.6
SSE	2.7	5.1	4.7	2.9	.3	.1			.0			15.9	7.6
S	1.7	2.3	2.6	1.2	.0							7.8	6.9
SSW	.2	.7	.1	.1								1.2	5.3
SW	.4		.2	.1								.7	5.3
WSW	.2	.2										.5	2.9
W	.3	.1										.4	2.4
WNW	.2	.1										.4	2.8
NW	.3	.1										1.0	2.5
NNW	1.2	.5	.1									1.7	3.1
VARBL													
CALM												11.9	
	21.0	28.2	28.0	16.7	2.2	.4	.0	.1	.0			100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 2479

ENDS



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12P (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 00 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.7	2.7	2.7									8.0	5.1
NNE	3.7	.7	2.		.3							6.7	4.9
NE	1.7	.3										1.7	3.0
ENE	.7	1.3		.3								2.3	6.2
E	4.3	.7		.3								7.3	2.5
ESE	4.3	2.7	.3									7.3	3.4
SE	4.3	5.7	3.3									13.3	5.1
SSE	2.3	7.0	4.3									13.7	5.4
S	1.7	1.7	1.7	.3								5.7	5.4
SSW	1.0	.3	.3									1.7	3.6
SW	1.0											1.0	2.3
WSW	.7	.3										.7	4.0
W	.7	.7										1.0	3.3
WNW	.7	1.0	.7									2.3	4.6
NW	2.0	1.0										3.0	2.2
NNW	1.7	1.0	.3	.3								3.3	4.9
VARBL													
CALM												21.7	
	34.0	27.0	15.7	1.3	.3							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 300

5105

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 28 — STATION — KINGSVILLE, TX — STATION NAME — 73-82 — YEARS — SEP — MONTH

ALL WEATHER — CLASS — 07 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	5.3	3.3	.3								14.3	5.0
NNE	1.7	1.7	1.3				.7					5.0	6.6
NE	1.3											1.3	2.0
ENE	1.7	.7										2.3	3.0
E	1.7	.7	.3									2.3	4.0
ESE	2.3	.7		.3								3.3	3.4
SE	2.7	3.0	.3									6.0	4.1
SSE	3.7	3.0	2.3									10.7	4.3
S	3.3	4.7	1.7	.3								10.0	4.5
SSW		.3	.3									.7	7.5
SW	1.7	.7										2.3	3.3
WSW	.7	.7										1.3	3.3
W	2.0	.7	.3									3.0	3.4
WNW	1.7	.3	.3									2.0	3.2
NW	2.0	3.3	.3	.3								5.7	4.5
NNW	3.7	2.0	1.0									6.7	3.8
VARBL													
CALM												23.3	
	36.0	27.3	11.7	1.3			.7					100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 300

ERDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1[illegible] KINGSVILLE, TX 73-82 [illegible]
STATION STATION NAME YEARS MONTH

ALL WEATHER [illegible]
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible].7	8.7	4.[illegible]	.[illegible]7	.3							21.0	4.9
NNE	[illegible].[illegible]	1.[illegible]	.[illegible]7	1.[illegible]								6.[illegible]	4.3
NE	1.[illegible]	1.3	.3									2.7	4.1
ENE	1.[illegible]	.[illegible]7										1.[illegible]7	3.2
E	[illegible].[illegible]	1.[illegible]	.3									1.[illegible]7	3.5
ESE	1.[illegible]7	1.[illegible]										.[illegible]3	3.1
SE	[illegible].[illegible]	1.7										5.7	2.9
SSE	[illegible].3	5.7	1.[illegible]									[illegible].[illegible]	4.4
S	1.7	2.[illegible]7	1.[illegible]									[illegible].[illegible]	4.4
SSW													
SW		.[illegible]										.[illegible]	5.3
WSW	.7	1.[illegible]										1.7	3.[illegible]
W	.[illegible]		.[illegible]7									.7	[illegible].[illegible]
WNW	.7	1.7		.[illegible]7								2.[illegible]7	5.1
NW	.[illegible]7	2.[illegible]7	.7									4.7	4.1
NNW	[illegible].[illegible]	[illegible].[illegible]	2.[illegible]									[illegible].[illegible]	4.7
VARBL													
CALM												23.7	
	31.7	31.7	10.7	2.[illegible]	.3							1[illegible].[illegible]	3.3

TOTAL NUMBER OF OBSERVATIONS [illegible]3[illegible]0

EROS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 [illegible] (STATION) MCALLEN, TX (STATION NAME) 73-80 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) [illegible] (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	6.0	4.7	3.3								16.0	7.1
NNE	3.0	2.0	3.0	2.3	1.0	.3						11.7	8.4
NE		1.0	1.3									2.7	6.5
ENE	2.0	2.0	.3									4.3	4.2
E	1.7	2.0	.7									4.7	4.6
ESE	.7	2.0	.3									2.7	5.4
SE	.7	1.7	2.7	.3								5.0	7.4
SSE	1.7	4.3	5.0	2.7								13.3	7.6
S	2.7	3.7	6.0	4.7								17.0	8.2
SSW	.7	.7	.7									2.0	4.7
SW	.7	.7										1.0	4.0
WSW	.7	.3										1.0	3.7
W	1.7	1.0	.7	.3								3.3	5.7
WNW	.7											.7	2.0
NW	.7	1.7	.7	.7								3.3	6.7
NNW	1.0	2.0	1.3	.3	.3							5.0	6.9
VARBL													
CALM												7.0	
	19.0	31.3	27.3	14.7	1.3	.3						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 300

SMDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 24 — STATION
KINGSVILLE, TX — STATION NAME
73-82 — YEARS
SEP — MONTH
ALL WEATHER — CLASS
12 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.0	3.7	1.3	.7							9.3	7.3
NNE	1.7	4.3	3.7	2.3		.7						12.0	8.2
NE	1.0	.7	2.3	1.0								5.0	7.4
ENE	1.7	.7	1.3									3.7	4.8
E	1.7	4.3	2.3	.7								9.0	5.0
ESE	.7	3.0	2.0	1.7								7.3	6.5
SE	1.7	2.0	6.7	2.0								12.3	8.0
SSE	1.7	3.7	4.3	3.0	.3							12.3	8.4
S	1.3	5.3	4.3	2.3								13.0	7.9
SSW	.7	1.0	1.0	.3								2.7	7.3
SW	.3	.7										1.0	3.7
WSW	.3			.3								.7	9.5
W	.3		.7	.3								1.3	6.8
WNW		.3	.3									.7	6.0
NW	.7	.3	.7	.3								1.7	7.2
NNW	.7	2.3		1.3		.7						4.7	8.3
VARBL													
CALM												3.7	
	12.7	31.7	33.3	17.0	1.0	.7						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 300

SMOS



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 [illegible] (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 15 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.7	2.7	2.3	.7							7.3	10.0
NNE	.3	2.0	2.3	2.7								7.3	9.0
NE	.7	1.7	2.7	.3								4.3	8.0
ENE	.7	2.0	4.0	2.3								8.7	8.5
E	.3	3.7	6.7	3.0								13.7	8.0
ESE	1.0	2.3	9.0	9.3	.7							22.3	10.3
SE	.3	2.0	6.7	5.3	1.3							15.7	10.4
SSE	.7	2.3	2.7	3.3								8.7	9.3
S		.3	1.0									1.3	7.3
SSW	.3	.7										1.0	4.3
SW													
WSW	.7		.7									1.0	5.0
W	.7	.7	.3									1.7	4.0
WNW			.3	.3								.7	10.5
NW			1.3		.3							1.7	10.4
NNW	.3	1.7	.3	1.0								3.3	7.0
VARBL													
CALM												1.3	
	5.3	20.0	40.3	30.0	3.0							100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 300

5605

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12:25 (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 1F (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	56	%	MEAN WIND SPEED
N		.3	1.7		.3							2.3	7.8
NNE		1.7	2.	.7	.3							4.3	7.8
NE	.7	1.3	1.7	.3								4.0	6.3
ENE	1.7	3.	1.3									5.7	5.1
E	.7	9.	10.3	3.0								23.0	7.6
ESE		6.	15.7	7.7								28.7	9.2
SE		1.7	6.7	9.3	.3							18.0	10.8
SSE	.7	.7	1.	1.7								4.	9.0
S	.3	.3		.7								1.3	9.0
SSW													
SW		.7										.3	4.0
WSW													
W			.7									.3	10.0
WNW		.3										.3	6.0
NW	1.0	.3	.3	.3								2.0	6.5
NNW	.7	.7	1.0	1.0								3.3	8.1
VARBL													
CALM												.7	
	5.0	27.3	51.3	24.7	1.0							100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] KINGSVILLE, TX 73-82 SEP
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

21
HOURS (L.S.T.)

OBSERVATION

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.3	2.3	2.7	.7	.3							7.7	6.5
NNE	1.3	.7	1.3									5.0	3.9
NE	1.0	1.7	1.3									6.0	4.8
ENE	3.7	1.0										4.7	2.6
E	12.0	4.3	1.0	.3								17.7	3.2
ESE	9.0	8.0	2.0	.3								19.3	4.0
SE	4.7	7.3	8.3	1.3								21.7	6.3
SSE	.7	2.0	2.3	1.7								6.7	7.3
S	.3	.3	.3									1.0	5.3
SSW													
SW		.7										.7	4.0
WSW													
W	.3	.3										.7	3.5
WNW				.3								.3	14.0
NW	.3	.7	.3									1.3	5.3
NNW	.7	.3	.3									1.3	4.3
VARBL													
CALM												6.0	
	40.3	29.7	19.0	3.7	.3							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 108

8105

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1-25 (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

(OBSERVATION)

ALL (HOURS (L.S.T.))

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	4.0	3.2	1.1	.3							11.1	6.4
NNE	2.2	1.7	2.0	1.1	.2	.1	.0					7.3	7.1
NE	1.1	1.0	1.2	.7								3.5	5.9
ENE	1.5	1.4	.9	.3								4.1	5.3
E	3.2	3.2	2.7	.9								10.1	5.7
ESE	2.3	3.2	3.6	2.4	.1							11.6	7.3
SE	2.2	3.1	4.3	2.3	.2							12.2	7.6
SSE	1.7	3.6	2.9	1.5	.0							9.8	6.8
S	1.4	2.4	2.0	1.0								6.8	6.8
SSW	.3	.4	.3	.0								1.0	5.5
SW	.4	.4										.8	3.5
WSW	.4	.3	.0	.0								.8	3.9
W	.7	.6	.3	.1								1.5	4.8
WNW	.4	.5	.2	.1								1.2	5.2
NW	1.0	1.1	.5	.2	.0							2.9	5.4
NNW	1.3	1.6	.8	.5	.0	.0						4.8	5.8
VARBL													
CALM												10.9	
	22.9	28.2	28.9	12.0	.9	.1	.0					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 8760

NMDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 228 (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

00 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	3.4	2.6	1.3								11.3	5.8
NNE	2.6	1.7	1.6	.6								5.8	5.7
NE	1.9	1.3										2.9	3.1
ENE	1.3	.3		.3								1.9	4.5
E	5.8	2.3	.6									8.7	3.0
ESE	2.6	1.3										3.9	3.1
SE	3.2	1.9	1.9	.3								7.4	5.0
SSE	4.5	5.5	5.2	.3	.3							15.3	5.7
S	3.2	2.9	1.0	.6								7.7	5.0
SSW	1.3	.3										1.6	2.8
SW	1.6											1.6	2.0
WSW	.6											.6	2.5
W	1.3	.6										1.9	3.2
WNW	.6	.3										1.0	3.0
NW	1.6	.3										1.9	2.8
NNW	1.6	1.9	.6	.3		.3						4.8	6.1
VARBL													
CALM												21.0	
	37.4	23.5	13.5	3.9	.3	.3						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 310

5NOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12928 (STATION) KINGSVILLE, TX (STATION NAME) 73-87 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 07 (HOURS (L.S.T.))

(DURATION)

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	5.2	3.9	2.6	1.6								13.2	5.5
NNE	1.6	1.6	2.9	.6								6.8	6.4
NE	.5	.6	.3									1.6	4.4
ENE	.6											.5	2.0
E	2.3		.3									2.6	3.1
ESE	1.2	.6										1.9	2.8
SE	2.6	1.5	.6									4.8	4.2
SSE	2.9	4.8	2.9		.3							11.0	5.7
S	1.9	.6		1.3								3.5	6.1
SSW	.3	.3										.6	2.5
SW	1.5		.3									1.9	3.2
WSW	1.3											1.3	2.8
W	2.3	.6										2.9	2.9
WNW	2.3	1.0										3.2	3.0
NW	4.2	1.3	.3									5.8	3.3
NNW	3.2	2.9	2.3	.6								9.0	5.4
VARBL													
CALM												24.8	
	36.1	21.9	12.6	4.2	.3							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 310

5MOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] KINGSVILLE, TX 73-82 OCT

ALL WEATHER 06

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	%	MEAN WIND SPEED
N	6.8	6.5	3.5	1.6								18.9	5.5
NNE	2.9	1.9	1.0	.6	.3							6.8	5.8
NE	.6	1.0	.3									1.9	4.5
ENE	.6	.3	.6									1.6	4.6
E	3.2	1.0										4.2	2.5
ESE	2.3	.3	.6									3.2	3.8
SE	2.6	1.9	.6									5.2	4.1
SSE	2.3	2.6	1.0	1.0								6.8	5.8
S	.6	1.3	1.3	.6								3.9	6.8
SSW													
SW	.3		.6									1.0	5.7
WSW	.6											.6	2.0
W	.6											.6	3.0
WNW	1.6	1.9	.3									3.9	4.1
NW	4.2	1.6	.6									6.5	3.5
NNW	5.5	3.9	1.6	.6	.3							11.9	4.9
VARBL													
CALM												23.5	
	34.9	24.2	12.3	4.5	.6							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 310

5NOO

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 [illegible]2R (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

09 (HOURS (L.S.T.))

(DURATION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.3	5.2	5.2	3.2	.3							17.4	7.1
NNE	3.5	4.2	5.8	3.2	1.0							17.7	7.5
NE	1.3	2.3	.6									4.2	4.5
ENE	1.0	.6	.3									1.9	3.7
E	1.9	.6	.3	.3								3.2	4.3
ESE		1.0	1.0	.6								3.5	7.2
SE	1.3	1.0	1.9	.3								5.5	6.5
SSE	1.3	2.0	4.5	9.8	.6							19.2	9.4
S	1.3	1.6	5.5	3.5								11.9	8.6
SSW	.6	.3	.6	.3								1.9	6.7
SW	.3	.3										.6	3.0
WSW	.6											.6	2.5
W	.6		.3									1.0	3.3
WNW		.6	.3	.3								1.3	8.0
NW	.6	.6	.6	.6								2.6	7.3
NNW	1.0	1.0	.3	1.6								4.4	7.0
VARBL													
CALM												7.4	
	19.0	25.2	27.4	19.0	1.9							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 310

NWSS



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1- 24 (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

12 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	4.2	5.5	2.6	1.0							14.9	9.3
NNE	1.0	3.2	3.0	1.9	.3							10.3	8.2
NE	1.3	2.6	1.6	1.6								7.1	7.1
ENE	.7	1.6	1.3	.3								3.9	6.6
E	.6	2.9	1.6	.3								5.5	6.5
ESE	.3	3.9	1.9	2.6								8.7	8.2
SE	.6	2.3	4.5	4.2								11.6	9.1
SSE	1.0	2.9	3.9	3.2	1.0							11.9	9.4
S	.6	3.9	3.9	3.2	1.0	.3						12.9	9.2
SSW		1.3	1.3	.6	.3							3.5	8.5
SW		1.0										1.0	8.3
WSW	.3		.3									.6	5.5
W	.3											.3	3.0
WNW		1.0										1.0	5.0
NW	.3	.3	.3	.3								1.3	7.5
NNW	1.0	.6	1.0	1.0								3.6	7.6
VARBL													
CALM												2.3	
	9.9	31.6	31.0	21.9	3.5	.3						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 310

EMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 2 8 (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 15 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.3	4.2	1.6	.6							9.0	8.9
NNE	1.0	1.3	4.2	1.9								8.4	8.4
NE	.4	2.3	3.9	1.3								8.1	7.6
ENE	1.3	1.9	1.3	.6								4.1	5.8
E	.6	2.9	5.2	3.5								12.3	8.7
ESE	.4	3.5	7.1	5.5	.3							17.1	9.2
SE	.3	2.6	8.8	8.4	1.6							19.7	11.1
SSE	.3	.3	2.3	2.9								5.8	10.3
S	.3	1.6	1.6	.3	.3							4.2	7.6
SSW	.3	1.3	.3	.3								1.9	6.5
SW													
WSW	.3											.3	2.0
W	.3											.3	7.0
WNW	.3	.6	.3									1.3	5.5
NW		.6	.6									1.3	7.3
NNW	1.3	.6	1.3	1.3								3.9	7.2
VARBL													
CALM												1.3	
	8.1	21.3	38.7	27.9	2.9							100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 310

ENDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 2F — STATION — KINGSVILLE, TX — STATION NAME — 57-32 — YEARS — CCT — MONTH

ALL WEATHER — CLASS — 1^ — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]	1.3	1.[illegible]	1.3								[illegible]	7.2
NNE	[illegible].3	1.4	1.3									[illegible]	4.5
NE	1.[illegible]	2.3	.6	.3								4.2	5.5
ENE	[illegible].[illegible]	3.2	1.3									7.4	4.8
E	2.6	2.7	5.5	.6								11.4	5.[illegible]
ESE	1.3	[illegible].4	10.3	2.[illegible]								22.[illegible]	7.4
SE	.6	5.2	8.7	9.[illegible]	.3							23.[illegible]	9.6
SSE		1.[illegible]	1.6	1.9	.3							4.[illegible]	10.7
S		.3										.[illegible]	5.[illegible]
SSW													
SW													
WSW													
W		.[illegible]										.3	.[illegible]
WNW	1.[illegible]	.3										1.[illegible]	3.[illegible]
NW		.[illegible]	.3									1.[illegible]	[illegible].3
NNW	.6	1.6	.6									2.[illegible]	5.1
VARBL													
CALM												1.[illegible]	
	13.[illegible]	39.8	32.3	15.8	.6							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS [illegible]315

ENDS



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 2 — STATION
KINGSVILLE, TX — STATION NAME
73-82 — YEARS
APR — MONTH
ALL WEATHER — CLASS
01 — HOURS (L.S.T.)
CONDITIONS

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.	2.	.6								5.5	7.6
NNE	2.	1.3	1.6	1.3								7.1	.1
NE	1.	1.3	.7									3.	3.5
ENE	3.	1.6										5.	2.8
E	.7	7.2		.3								13.2	2.
ESE	.7	4.2	1.3									15.2	3.6
SE	.1	6.	6.8	1.6								21.0	5.9
SSE	2.	2.6	3.9	2.3								11.	6.7
S	.3	1.	.6	.6								2.	6.9
SSW													
SW	.	.6										1.	4.0
WSW	.											.9	2.0
W													
WNW		.										.1	4.0
NW	.6	.6										1.	3.3
NNW	1.	1.	.3	.3								3.	5.4
VARBL													
CALM												9.4	
	40.6	25.2	17.7	7.1								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 310

5MOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] | STATION NAME: KINGSVILLE, TX | YEARS: [illegible] | MONTH: OCT

CLASS: ALL WEATHER | HOURS (L.S.T.): ALL

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	3.[illegible]	3.[illegible]	1.7	.2							12.[illegible]	6.[illegible]
NNE	.2	2.[illegible]	2.[illegible]	1.3	.2							.[illegible]	6.9
NE	1.2	1.[illegible]	1.[illegible]	.4								4.2	5.7
ENE	1.[illegible]	1.2	.[illegible]	.2								.4	4.6
E	.3	2.[illegible]	1.[illegible]	.6								.	.1
ESE	.[illegible]	.[illegible]	2.[illegible]	1.4	.[illegible]							.3	.5
SE	.[illegible]	.[illegible]	4.[illegible]	.[illegible]	.2							12.[illegible]	7.9
SSE	1.[illegible]	2.[illegible]	.1	2.1	.3							10.2	.7
S	1.[illegible]	1.[illegible]	1.[illegible]	1.3	.2	.						.[illegible]	7.6
SSW	.[illegible]	.4	.[illegible]	.[illegible]	.[illegible]							1.2	.4
SW	.[illegible]	.[illegible]	.1									.	3.[illegible]
WSW	.		.									.	2.3
W	.[illegible]	.[illegible]	.[illegible]									.[illegible]	.2
WNW	.[illegible]	.[illegible]	.1	.[illegible]								1.[illegible]	4.[illegible]
NW	1.[illegible]	.[illegible]	.[illegible]	.1								.[illegible]	4.4
NNW	1.[illegible]	1.[illegible]	1.[illegible]	.7	.[illegible]	.[illegible]						.[illegible]	5.8
VARBL													
CALM												11.[illegible]	
	24.[illegible]	26.[illegible]	23.2	13.[illegible]	1.3	.1						100.0	5.[illegible]

TOTAL NUMBER OF OBSERVATIONS 24[illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 [illegible] / STATION — KINGSVILLE, Tx / STATION NAME — 73-80 / YEARS — NOV / MONTH

ALL WEATHER / CLASS — 00 / HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	3.3	2.3	1.3	.7							11.3	7.1
NNE	.7	2.0	2.0	1.7								6.7	8.2
NE	1.7	1.0	.3	.3								3.0	4.4
ENE	.7		.7			.7						1.7	9.2
E	3.3	.7										4.0	2.8
ESE	2.0	1.0	.7									3.7	3.7
SE	3.3	4.7	3.3	.3								11.7	5.3
SSE	2.3	4.7	3.7	1.3								11.3	6.1
S	2.7	3.7	2.0	.3	.3							9.0	5.2
SSW	.7	.3										1.0	3.3
SW	1.7											1.7	2.6
WSW	1.7	.3										2.0	2.7
W	.7	.7										1.3	3.8
WNW	1.7											1.7	2.5
NW	2.0	.7	1.0	.7								5.3	5.1
NNW	.7	2.0	3.0	1.0								6.7	7.7
VARBL													
CALM												18.7	
	28.7	25.3	19.3	7.0	1.0	.3						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 300

SMOS



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 2x (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 07 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.3	5.3	3.3	2.0	.3							15.0	6.5
NNE	3.3	.7	.3	1.3	.3							5.0	7.3
NE	1.3	.3	.7									2.0	4.8
ENE	.3	.3	.3									1.0	5.7
E	1.7	.7										2.3	2.7
ESE	1.3	1.3	.3									2.3	3.3
SE	1.7	4.3	1.3	.3								7.7	5.2
SSE	3.3	3.3	2.3	1.3	.3							8.7	6.3
S	3.3	2.0	3.3	1.0								8.7	6.7
SSW	.3	.3										.7	3.0
SW	.7	.3										1.0	2.7
WSW	.3	.3										.7	7.5
W	2.3	.7										3.0	2.8
WNW	1.3	1.3	.3									2.7	3.9
NW	2.7	2.7	2.3	1.0								8.3	6.1
NNW	5.3	4.3	2.3	1.3								13.0	5.3
VARBL													
CALM												15.0	
	27.7	26.7	16.7	8.3	1.0							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 300

SMOS



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 [illegible] (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 06 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	7.7	4.7	2.3	.3							17.3	6.7
NNE	1.3	2.7	2.3	1.0								6.7	6.7
NE	1.7	1.3	.3	.7								3.3	5.0
ENE	.7	.3										.7	3.5
E	2.7	.3										3.0	2.3
ESE	1.3	2.0	.3									3.3	4.8
SE	2.0	5.3	.3	.3								8.0	4.6
SSE	2.3	1.7	1.7	.7								6.3	5.8
S	1.3	1.7	1.3	1.3								5.3	6.6
SSW	.7	.3										.7	4.0
SW		.3										.3	6.0
WSW	1.3											1.3	2.0
W	1.7											1.7	2.0
WNW	1.3	2.3										3.3	4.2
NW	1.3	2.3	2.3	1.0	.3	.3						7.7	7.7
NNW	4.3	5.7	2.3	1.0								13.3	4.9
VARBL													
CALM												17.7	
	29.7	33.7	15.0	8.0	.7	.3						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 300

8MD8



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 09 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	7.3	6.7	7.[illegible]	4.0								21.1	7.5
NNE	1.7	3.7	3.7	2.7	.3							11.7	7.9
NE	1.0	1.0	1.3	1.0								4.3	7.3
ENE	1.0	1.0	.3									2.3	4.3
E	1.0	1.0	.3									2.3	4.0
ESE	1.3	.7	1.0	.3								3.0	5.9
SE		1.7	3.0	.7								5.4	8.3
SSE	1.0	3.7	5.0	1.0	.3							11.0	7.5
S	.7	3.3	5.[illegible]	1.3								10.4	6.0
SSW	.7		.3									1.0	4.3
SW	.7	.3	.3									1.0	5.0
WSW		.3	.3									.7	7.0
W	1.0	1.3	.3									2.7	4.0
WNW	.3	.3	.3									1.0	4.3
NW	1.0	1.0	2.0	1.0	.3							5.4	7.9
NNW	2.3	2.0	3.3	1.3	.7							9.7	7.7
VARBL													
CALM												7.0	
	17.1	28.1	33.[illegible]	13.4	1.7							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 299

5NOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12928 (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 12 (HOURS (L.S.T.))

(OBSERVER)

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	2.3	6.4	4.7	1.3							14.7	10.5
NNE	.3	2.3	3.3	.7								6.7	7.7
NE	.7	.3	1.7	1.0								3.7	7.8
ENE		1.3	1.7	.3								3.3	8.1
E	1.3	1.3	1.3	1.0								4.7	6.7
ESE	.7	.3	1.7	1.0								3.0	9.3
SE	.3	2.7	2.3	3.0	.7							8.4	10.2
SSE	.3	2.3	3.3	4.7	.3							10.7	10.2
S	1.7	4.7	3.3	5.4	1.0	.7						16.1	9.8
SSW	.7	1.3	1.7	1.0								4.0	7.7
SW	.3	.3	1.3									2.0	6.2
WSW	.7	.3										1.0	5.3
W	.3	1.3	.3									2.0	8.8
WNW	.7				.3							1.0	7.3
NW	.3		1.7	.3								2.3	6.6
NNW	1.7	1.0	3.7	4.7	1.0							12.0	10.1
VARBL													
CALM												4.3	
	10.4	19.7	32.4	27.8	5.7	.7						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 299

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 15 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	3.[illegible]	4.0	4.7	1.0							13.4	9.9
NNE	1.7	2.7	2.7	1.3	.3							8.7	7.2
NE	1.3	.7	1.7	1.0								4.3	7.2
ENE	.7	1.[illegible]	2.0	1.0								4.7	7.7
E		2.[illegible]	2.3	.3								4.7	7.9
ESE	.3	1.7	4.0	3.3								9.4	9.6
SE	.3	1.7	5.7	10.7	1.0							18.4	11.7
SSE	.7	2.0	2.3	2.0	.7							7.7	9.2
S	.3	2.0	2.3	2.0	.7							7.4	9.6
SSW	.7	1.0	.7									2.3	5.7
SW	.3											.3	3.0
WSW		.3	.3									.7	5.8
W		1.0										1.0	5.0
WNW	.7		.7	.3								1.3	5.4
NW	.3	1.3	1.0	.3								3.0	8.6
NNW	1.0	.7	5.4	3.3	.7							11.1	7.9
VARBL													
CALM												1.7	
	9.7	21.1	33.8	30.4	4.3							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 299

[illegible]



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12x26 (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 18 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	3.7	3.7	1.7	.3	.3						11.0	3.1
NNE	1.7	.7	1.3	1.0								4.7	6.5
NE	2.3	2.3	.7	.7								5.7	5.4
ENE	2.7	2.0	.3									5.0	3.7
E	2.0	6.7	1.7	.3								12.7	5.2
ESE	7.0	10.0	3.7									21.7	5.8
SE	.3	4.0	6.0	6.7	.3							17.3	9.5
SSE	1.7	1.7	2.3	2.0								7.0	8.3
S	.7	.3	.3									1.3	5.5
SSW													
SW													
WSW													
W													
WNW	.7	.3										1.0	3.0
NW		.7	1.3	.3								2.3	6.1
NNW	.3	2.7	1.7	2.0	.3	.3						7.3	9.0
VARBL													
CALM												3.0	
	15.7	37.0	28.0	14.7	1.0	.7						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 300

5800

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1[illegible]28 KINGSVILLE, TX 73-82 NOV
STATION STATION NAME YEARS MONTH

ALL WEATHER 21
CLASS HOURS (L.S.T.)

DIRECTION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	3.7	4.0	1.3		.3						11.0	7.5
NNE	1.7	1.7	1.0	.3								4.7	5.8
NE	1.3	2.3		1.0								4.7	5.3
ENE	3.0	.7	.3	.3								4.3	4.1
E	6.3	.7	.3	.3								7.3	3.0
ESE	7.3	6.7										13.7	3.5
SE	6.3	5.3	5.0	.7								17.0	5.2
SSE	1.0	4.0	4.3	2.0								11.3	7.7
S	.7	3.3	1.0		.3							5.0	6.2
SSW													
SW	.3											.3	2.0
WSW													
W	.3	.7	.3									1.3	5.5
WNW	.3	.3										.7	4.5
NW	.7	1.0	1.0									2.7	5.9
NNW	.3	1.3	1.7	1.7								5.0	8.7
VARBL													
CALM												11.0	
	30.3	31.3	19.0	7.7	.3	.3						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 300

8MOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12 29 (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	4.4	4.5	2.7	.5	.1						14.4	7.9
NNE	1.3	2.0	2.0	1.3	.1							6.7	7.3
NE	1.2	1.1	.8	.7								3.9	6.0
ENE	1.1	.8	.7	.2		.0						2.9	5.8
E	2.3	1.7	.8	.3								5.1	4.6
ESE	2.0	2.8	2.0	.6								7.5	5.7
SE	1.8	3.6	3.3	2.8	.3							11.7	7.9
SSE	1.3	2.8	3.0	1.8	.2							9.3	7.7
S	1.7	2.5	2.3	1.4	.3	.1						7.9	7.8
SSW	.4	.4	.3	.1								1.2	5.9
SW	.3	.2	.2									.8	4.2
WSW	.3	.2	.1									.6	3.9
W	.2	.2	.1									1.6	3.7
WNW	.8	.5	.1	.1	.0							1.5	4.3
NW	1.2	1.2	1.5	.6	.1	.0						4.6	6.9
NNW	2.2	2.8	2.4	2.0	.3	.0						9.8	7.7
VARBL													
CALM												10.2	
	20.2	27.8	24.7	14.6	1.8	.3						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 2397

0100

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

00 (HOURS (L.S.T.))

(DESCRIPTION)

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.2	2.[illegible]	4.3	3.2	.3							13.[illegible]	7.7
NNE	1.8	1.[illegible]	1.6	1.9								6.1	7.9
NE	.[illegible]	1.3	.6									2.[illegible]	4.8
ENE	.[illegible]	.3										1.0	3.0
E	1.[illegible]	.6										1.[illegible]	3.2
ESE	.[illegible]	1.3										1.[illegible]	3.5
SE	1.[illegible]	2.3	1.[illegible]									4.[illegible]	4.4
SSE	2.6	4.2	2.9	1.3								11.[illegible]	6.2
S	.[illegible]	6.[illegible]	1.3	1.6								13.0	[illegible].3
SSW	1.3	.6										1.[illegible]	2.8
SW	.6	.6										1.[illegible]	3.5
WSW	2.3	.3										2.[illegible]	2.8
W	1.0											1.[illegible]	2.6
WNW	.6	1.6	.3	.3								2.[illegible]	5.6
NW	3.6	2.3		.6								6.5	4.1
NNW	3.6	2.3	2.6	1.6								10.[illegible]	[illegible].3
VARBL													
CALM												18.8	
	26.[illegible]	28.3	15.2	1.[illegible]	.3							100.[illegible]	4.7

TOTAL NUMBER OF OBSERVATIONS [illegible]

ENDS



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 ?- STATION | KINGSVILLE, TX STATION NAME | 73-82 YEARS | DEC MONTH

ALL WEATHER CLASS | 07 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	?.2	5.?	6.5	2.6	.3							?0.3	6.6
NNE	.?	2.6	1.?	1.3								5.?	7.1
NE	1.?	.3	.6	.3								2.6	5.6
ENE	1.?	.3	.3									1.6	2.8
E	1.?	.6										2.?	2.9
ESE	?.3	.6										2.?	2.9
SE	.?	1.3	1.6									?.2	6.5
SSE	1.?	2.6	2.?	.6								7.4	6.4
S	.?	4.5	1.3	1.9	.3							8.?	?.6
SSW	.?	1.3										1.6	4.0
SW	1.?											1.?	2.0
WSW	1.?	.6										1.?	3.5
W	1.?	.3										1.?	2.5
WNW	?.2	1.?	.6	.3								5.?	4.3
NW	1.9	1.9	.3		.3							4.5	5.3
NNW	4.5	5.2	2.9	1.9	.3							14.?	6.1
VARBL													
CALM												14.2	
	??.1	29.0	18.4	9.0	1.3							1?0.0	5.0

TOTAL NUMBER OF OBSERVATIONS 710

5NOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] KINGSVILLE, TX 73-82 DEC
STATION STATION NAME YEARS MONTH

ALL WEATHER 06
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]1	3.9	5.9	3.9								.3	6.4
NNE	1.[illegible]	3.5	1.3	1.[illegible]		.7						.4	7.3
NE	1.9	1.9	.3									2.3	4.4
ENE	.[illegible]	.3										1.0	3.3
E	.[illegible]	.6										1.[illegible]	3.3
ESE	.[illegible]	1.[illegible]	.3									1.[illegible]	4.4
SE	2.3	1.9	1.3	.3								5.[illegible]	4.9
SSE	1.[illegible]	.3	3.5	.6								5.5	7.2
S	.6	3.5	1.3	1.3	.3							7.1	7.4
SSW	.[illegible]	1.6	.3									.3	4.6
SW	1.[illegible]	.6										1.[illegible]	3.2
WSW	.6											.[illegible]	2.[illegible]
W	.6		.6									1.[illegible]	5.[illegible]
WNW		2.3	1.[illegible]									3.2	5.8
NW	3.2	3.9	1.3	.3								8.7	4.7
NNW	3.[illegible]	4.6	4.2	1.9								14.[illegible]	6.2
VARBL													
CALM												13.[illegible]	
	25.2	23.4	21.9	9.0	.3	.3						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS [illegible]10

SMOS



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] KINGSVILLE, TX 72-82 D F
STATION STATION NAME YEARS MONTH

ALL WEATHER [illegible]
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]7	[illegible]1	3.9	.6							22.3	[illegible].3
NNE	[illegible]3	2.3	4.[illegible]	1.3								11.3	7.6
NE	1.[illegible]	1.[illegible]	1.4	.6								4.[illegible]	6.3
ENE	1.[illegible]	1.[illegible]	.3									2.3	4.8
E	1.3											1.[illegible]	2.5
ESE		.[illegible]	.3									1.[illegible]	[illegible].2
SE	.[illegible]	1.4	2.3									4.5	5.9
SSE		1.[illegible]	[illegible].3	1.3								[illegible].5	[illegible].4
S	1.[illegible]	2.[illegible]	4.5	1.3	.6	.3						10.[illegible]	[illegible].7
SSW	.[illegible]	.[illegible]	1.3									2.[illegible]	[illegible].2
SW	.[illegible]	.6	.3									1.3	5.[illegible]
WSW	[illegible].3	.[illegible]	.3									1.[illegible]	[illegible].3
W	.[illegible]	.[illegible]	.3									1.[illegible]	4.2
WNW	.[illegible]	1.[illegible]	1.[illegible]	.3								2.[illegible]	6.4
NW	.4	.[illegible]	2.4									3.9	7.2
NNW	1.[illegible]	3.2	2.[illegible]	3.9		.3						11.[illegible]	[illegible].8
VARBL													
CALM												11.6	
	15.2	25.[illegible]	32.[illegible]	12.2	1.3	.6						100.[illegible]	6.5

TOTAL NUMBER OF OBSERVATIONS [illegible]15

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 — [illegible], TX — [illegible] — DEC
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 1 —
CLASS — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	4.7	6.5	5.7	.6	.3						18.4	6.1
NNE	1.0	2.0	4.5	1.6								11.0	7.3
NE		1.0	1.9	1.3								4.2	.7
ENE	.3	.6	.3	.3								1.5	7.2
E	.3	1.7	1.0	.7								2.0	6.7
ESE	.7	.3		.7								1.3	.5
SE	.3	1.3	1.3	1.6								.3	7.8
SSE	.6	1.2	2.3	7.2	.6							.7	10.2
S	1.0	2.7	4.2	6.5	3.6	1.0						19.0	12.5
SSW	.7	1.3	1.7	1.6								4.5	.2
SW	.7		.3									.3	5.5
WSW	.3	.3										1.0	7.4
W	.3	1.3	.7									.3	5.1
WNW		1.0	1.0	.7								2.0	7.4
NW	.3	1.0	1.0	.7	.3							3.3	7.8
NNW	1.0	.6	3.0	3.9	.6							10.4	.9
VARBL													
CALM												1.0	
	11.9	23.2	31.1	26.1	5.2	1.3						100.7	7.2

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 [illegible] (STATION) WILLISVILLE, TX (STATION NAME) [illegible]-82 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 13 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	[illegible].1	6.1	4.8	1.[illegible]							1[illegible].4	[illegible].9
NNE	1.[illegible]	2.6	1.6	1.3								6.[illegible]	6.7
NE	.[illegible]	1.3	2.3	.6								4.5	7.4
ENE	.[illegible]	.3	.6	.3	.3							1.[illegible]	[illegible].8
E	1.[illegible]	1.3	1.[illegible]	.3								4.[illegible]	6.7
ESE	.[illegible]	1.[illegible]	1.[illegible]	.3								2.[illegible]	7.5
SE		[illegible].[illegible]	[illegible].[illegible]	4.8	.6							12.[illegible]	10.4
SSE		.3	1.6	1.6	.3							3.4	11.5
S	.[illegible]	2.6	3.[illegible]	5.5	1.9							13.[illegible]	11.2
SSW		.[illegible]	.6	.6								1.6	[illegible].8
SW		1.[illegible]	.6									2.[illegible]	5.4
WSW	.[illegible]	.6	.3									1.3	5.6
W	.[illegible]	1.[illegible]	.[illegible]	.6								2.3	7.[illegible]
WNW	.6	.3	1.3	.6								2.[illegible]	7.3
NW	.[illegible]	.6	1.3	1.3								3.5	8.9
NNW	1.[illegible]	2.[illegible]	3.[illegible]	4.2	.3							12.3	[illegible].9
VARBL													
CALM												3.[illegible]	
	[illegible].7	2[illegible].5	31.0	27.1	4.5							1[illegible]0.0	[illegible].7

TOTAL NUMBER OF OBSERVATIONS [illegible]1[illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 18 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.0	4.2	4.0	2.9	.3							15.9	7.2
NNE	2.[illegible]	3.9	1.6	1.0								9.1	[illegible].5
NE	1.7	2.3	.6									4.2	4.7
ENE	1.[illegible]	2.[illegible]	1.[illegible]									[illegible].5	[illegible].5
E	.3	5.[illegible]	.[illegible]									[illegible].1	[illegible].2
ESE	.[illegible]	6.1	1.[illegible]	.3								8.4	5.7
SE	1.[illegible]	5.[illegible]	7.1	[illegible].5								19.4	[illegible].2
SSE	.[illegible]	1.[illegible]	1.[illegible]	1.9								6.1	7.8
S	1.[illegible]	2.3	.[illegible]	.3								3.[illegible]	5.2
SSW		.[illegible]										.[illegible]	[illegible].0
SW													
WSW	.[illegible]											.[illegible]	2.0
W	.[illegible]	.[illegible]										.[illegible]	2.5
WNW	.[illegible]	1.3	.3									1.[illegible]	[illegible].3
NW	1.[illegible]	1.[illegible]	.6									[illegible].[illegible]	[illegible].6
NNW	1.[illegible]	[illegible].[illegible]	2.6	1.[illegible]								[illegible].7	[illegible].2
VARBL													
CALM												4.5	
	[illegible].8	42.1	22.3	12.9	.3							[illegible]0.0	6.0

TOTAL NUMBER OF OBSERVATIONS [illegible]79

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 24 — STATION
KINGSVILLE, TX — STATION NAME
73-82 — YEARS
DEC — MONTH

ALL WEATHER — CLASS
21 — HOURS (L.S.T.)
CONDITIONS

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	4.5	5.4	3.9	.6							20.4	7.3
NNE	1.9	1.6	2.3	1.3								6.5	7.5
NE	1.6	1.3										2.9	3.3
ENE	1.3	1.3										3.2	2.9
E	4.2	2.6										7.4	3.0
ESE	2.6	1.3										3.9	2.8
SE	2.3	6.0	3.2	1.0								13.9	5.6
SSE	2.6	5.5	3.6	1.3								12.9	6.3
S	1.9	3.2	1.9	1.0								7.1	6.4
SSW		.3										.3	5.0
SW	.6											.6	2.5
WSW	.3											.3	1.0
W	.3	.3										.6	3.0
WNW		.6										.6	4.5
NW	.6	2.3	1.3									4.2	5.8
NNW	.3	1.3	1.3	.3								3.2	7.1
VARBL													
CALM												11.7	
	24.2	33.3	19.4	8.7	.6							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 309

8MOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 2 (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.8	5.[illegible]	5.9	3.8	.5	.0						18.9	7.5
NNE	1.7	2.5	2.5	1.4		.0						8.1	7.1
NE	.9	1.3	1.[illegible]	.4								3.6	6.0
ENE	1.0	.8	.4	.1	.0							2.3	4.6
E	1.7	1.6	.4	.1								3.[illegible]	4.3
ESE	.9	1.6	.4	.1								2.9	4.8
SE	1.2	3.[illegible]	2.7	1.7	.1							8.7	7.3
SSE	1.1	2.2	2.7	1.5	.1							7.7	7.6
S	.3	3.4	2.3	2.4	.8	.2						9.9	9.1
SSW	.4	.8	.4	.3								1.9	6.2
SW	.5	.5	.2									1.2	4.4
WSW	.3	.4	.1									1.[illegible]	3.4
W	.7	.5	.2	.1								1.5	4.6
WNW	.4	1.2	.7	.3								2.[illegible]	5.8
NW	1.5	1.7	1.1	.3	.1							4.7	5.7
NNW	2.1	3.1	3.[illegible]	2.3	.2	.[illegible]						10.[illegible]	7.4
VARBL													
CALM												9.8	
	19.7	29.6	24.0	14.7	1.8	.3						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 2476

8WOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) ALL (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	3.	3.3	1.8	.4	.0						10.4	7.6
NNE	1.3	1.9	1.9	1.0	.1	.0	.0					6.0	7.0
NE	.9	1.1	1.0	.3	.0							3.4	6.1
ENE	1.1	1.0	.8	.3	.0	.0	.0	.0				3.3	5.7
E	2.4	2.3	2.1	.8	.0	.0		.0				7.6	6.0
ESE	1.8	2.8	3.8	3.7	.3	.1						12.5	8.5
SE	1.9	3.6	5.2	5.0	.7	.1	.0					16.4	9.0
SSE	1.7	3.4	3.8	2.6	.4	.0			.0			11.9	8.0
S	1.2	2.2	2.3	1.8	.2	.0						7.5	7.8
SSW	.7	.6	.3	.2	.0							1.8	6.1
SW	.3	.3	.1	.0								.7	4.4
WSW	.5	.2	.1	.0								.7	3.9
W	.6	.3	.1	.0	.0	.0	.0					1.1	4.3
WNW	.4	.4	.2	.1	.0	.0	.0					1.2	5.9
NW	.7	.8	.6	.3	.1	.0						2.6	6.6
NNW	1.2	1.3	1.3	1.0	.2	.0						5.0	7.5
VARBL													
CALM												8.4	
	18.3	25.1	26.8	18.6	2.5	.3	.0	.0	.0			100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 29196

5WOB



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1-2F (STATION) KINGSVILLE, TX (STATION NAME) 72-82 (YEARS) ALL (MONTH)

INSTRUMENT (CLASS) ALL (HOURS (L.S.T.))

CIG 200 TO 1400 FT W/VSBY 1/2 MI OR MORE, (CONDITION)

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	4.1	7.3	3.5	.8	.1						17.5	5.6
NNE	1.2	2.1	3.8	2.1	.2	.0	.0					9.4	5.2
NE	1.0	1.1	1.6	.7	.0							4.5	7.1
ENE	.9	1.0	1.1	.4	.0							3.4	6.4
E	1.5	2.1	1.7	.3	.0							5.7	5.7
ESE	1.1	2.2	2.9	1.9	.1							8.2	8.0
SE	.8	2.6	5.0	4.2	.2	.0						12.9	9.1
SSE	.8	2.1	3.7	2.4	.2	.1			.0			9.4	8.9
S	.6	1.5	2.2	1.2	.1							5.7	8.1
SSW	.1	.3	.3	.0								.8	5.8
SW	.3	.3	.0									.6	3.9
WSW	.2	.2	.1									.5	4.4
W	.2	.3	.2	.0								.9	5.1
WNW	.2	.5	.5	.1								1.4	6.3
NW	.6	1.1	1.5	.5	.0							3.6	7.0
NNW	1.3	1.9	3.2	2.0	.1	.0						8.6	8.1
VARBL													
CALM												7.1	
	12.3	23.3	35.1	19.4	1.9	.3	.0		.0			100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 4104

5NOS

NOCD, Federal Building
Asheville, N. C.

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from 3-hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By Month - all years and all hours combined
3. By Month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

Beginning in July 1948 for Air Force stations and January 1949 for NWS and U.S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800 ≥ 1500					91.0											92.6
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400										97.4						98.1
≥ 300 ≥ 200																
≥ 100 ≥ 0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0. For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0. From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

PART D

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of $\geq$ 1500 feet with $\geq$ 3 miles, subtracted from 97.4 read from the table at the intersection of $\geq$ 500 feet with $\geq$ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling $\geq$ 500 feet with visibility $\geq$ 1 mile, but < 3 miles; or ceiling $\geq$ 500 feet, but < 1500 feet with visibility $\geq$ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

PART D SKY COVER

This summary is prepared from 3-hourly observations and is a percentage frequency distribution of total sky cover and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.

2. By month - by standard 3-hour groups.

NOTE: #1: Sky cover (total cloud amount) was not reported by U.S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: #2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

OKTAS	TENTHS
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

NOTE: #3: Beginning in 1981 the symbols of Clear, Scattered, Broken, Overcast, and Obscured were used as input for the Total Sky Cover. Following are the conversions:

Clear converted to 0/10
Scattered converted to 3/10
Broken converted to 9/10
Overcast converted to 10/10
Obscured converted to 10/10

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

1 [illegible] ASHEVILLE, NC — 73-82 — JAN

STATION — STATION NAME — YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	2[illegible].4	37.1	37.7	39.[illegible]	39.7	9.7	39.7	39.7	39.7	40.3	40.7	40.7	41.2	41.3	41.6	41.6
≥ 20000	[illegible].7	39.7	41.2	41.6	42.3	42.3	42.3	42.3	42.3	42.9	43.2	43.2	43.9	43.9	44.2	44.2
≥ 18000	[illegible].7	39.7	41.3	41.6	42.3	42.3	42.3	42.3	42.3	42.9	43.2	43.2	43.9	43.9	44.2	44.2
≥ 16000	[illegible].7	40.1	41.7	41.9	42.6	42.6	42.6	42.6	42.6	43.2	43.6	43.6	44.2	44.2	44.5	44.5
≥ 14000	[illegible].9	40.6	42.1	42.3	43.0	43.0	43.0	43.0	43.0	43.6	44.0	44.0	44.6	44.6	44.9	44.9
≥ 12000	[illegible].3	41.3	42.9	43.2	43.9	43.9	43.9	43.9	43.9	44.5	44.8	44.8	45.5	45.5	45.8	45.8
≥ 10000	[illegible].1	42.9	44.6	44.8	45.5	45.5	45.5	45.5	45.5	46.1	46.5	46.5	47.1	47.1	47.4	47.4
≥ 9000	[illegible].1	42.9	44.6	44.8	45.5	45.5	45.5	45.5	45.5	46.1	46.5	46.5	47.1	47.1	47.4	47.4
≥ 8000	[illegible].3	43.6	45.2	45.5	46.1	46.1	46.1	46.1	46.1	46.8	47.1	47.1	47.7	47.7	48.1	48.1
≥ 7000	[illegible].3	43.9	45.5	45.8	46.5	46.5	46.5	46.5	46.5	47.1	47.4	47.4	48.1	48.1	48.4	48.4
≥ 6000	[illegible].7	44.6	46.5	46.8	47.4	47.4	47.4	47.4	47.4	48.1	48.4	48.4	49.0	49.0	49.4	49.4
≥ 5000	[illegible].1	46.2	47.8	48.1	49.4	49.4	49.4	49.4	49.4	50.0	50.3	50.3	51.0	51.0	51.3	51.3
≥ 4500	[illegible].7	47.7	49.4	49.7	51.0	51.0	51.0	51.0	51.0	51.6	51.9	51.9	52.6	52.6	52.9	52.9
≥ 4000	[illegible].9	48.4	50.0	50.3	51.6	51.6	51.6	51.6	51.6	52.2	52.6	52.6	53.2	53.2	53.5	53.5
≥ 3500	[illegible].4	51.0	51.6	52.9	53.6	53.6	53.6	53.6	53.6	54.2	54.5	54.5	55.2	55.2	55.5	55.5
≥ 3000	[illegible].4	53.2	54.5	55.8	56.5	56.5	56.5	56.5	56.4	57.4	57.7	57.7	58.4	58.4	58.7	58.7
≥ 2500	[illegible].7	55.4	56.5	57.7	58.4	58.4	58.4	58.7	58.7	59.4	59.7	59.7	60.3	60.3	60.7	60.7
≥ 2000	61.3	59.4	60.0	61.3	61.9	61.9	62.3	62.3	62.3	62.9	63.2	63.2	63.9	63.9	64.2	64.2
≥ 1800	61.[illegible]	61.[illegible]	61.6	62.9	63.6	63.9	64.2	64.2	64.2	64.8	65.2	65.2	65.8	65.8	66.1	66.1
≥ 1500	61.[illegible]	63.2	63.9	65.2	65.8	66.1	66.5	66.5	66.5	67.1	67.4	67.4	68.1	68.1	68.4	68.4
≥ 1200	[illegible].3	66.9	67.4	68.7	69.4	69.7	70.0	70.0	70.0	70.7	71.0	71.0	71.6	71.6	71.9	71.9
≥ 1000	[illegible].4	69.7	70.7	71.9	72.6	72.9	73.2	73.2	73.2	73.9	74.2	74.2	74.8	74.8	75.2	75.2
≥ 900	[illegible].9	71.3	72.3	73.6	74.2	74.5	74.8	74.8	74.8	75.5	75.8	75.8	76.5	76.5	76.8	76.8
≥ 800	[illegible].9	72.3	73.2	74.5	75.2	75.5	75.8	75.8	75.8	76.5	76.8	76.8	77.4	77.4	77.7	77.7
≥ 700	[illegible].9	75.8	76.8	78.1	78.7	79.0	79.4	79.4	79.4	80.0	80.3	80.3	81.0	81.0	81.3	81.3
≥ 600	[illegible].5	76.9	77.7	79.4	80.0	80.7	81.3	81.3	81.3	81.9	82.3	82.3	82.9	82.9	83.2	83.2
≥ 500	[illegible].9	78.7	80.3	82.6	83.4	84.2	85.2	85.2	85.2	85.8	86.1	86.1	86.8	86.8	87.1	87.1
≥ 400	85.9	79.7	82.3	84.5	86.1	86.8	87.7	87.7	87.7	88.7	89.0	89.0	89.7	89.7	90.0	90.0
≥ 300	85.9	[illegible].5	82.9	85.2	87.1	87.7	89.0	90.0	90.3	91.6	91.9	91.9	92.6	92.6	92.9	92.9
≥ 200	85.5	[illegible].3	83.9	86.1	88.1	88.7	90.7	91.6	91.9	93.2	93.6	93.6	94.8	95.5	96.1	96.5
≥ 100	85.5	81.3	83.9	86.1	88.1	88.7	90.7	91.9	92.3	93.9	94.2	94.2	95.8	96.8	97.7	98.7
0	85.5	81.3	83.9	86.1	88.1	88.7	90.7	91.9	92.3	93.9	94.2	94.2	95.8	96.8	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]21

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH JAN

HOURS (L S T) 07

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	34.1	30.5	31.6	32.9	33.6	33.9	33.9	33.9	33.9	34.2	34.5	34.8	35.8	35.8	36.1	37.1
≥ 20000	34.1	32.3	33.6	34.8	35.5	35.5	35.8	35.8	35.8	36.1	36.5	36.8	37.7	37.7	38.1	39.1
≥ 18000	34.1	32.3	33.6	34.8	35.5	35.5	35.8	35.8	35.8	36.1	36.5	36.8	37.7	37.7	38.1	39.1
≥ 16000	34.1	32.3	33.6	34.8	35.5	35.5	35.8	35.8	35.8	36.1	36.5	36.8	37.7	37.7	38.1	39.1
≥ 14000	34.1	32.3	33.6	34.8	35.5	35.5	35.8	35.8	35.8	36.1	36.5	36.8	37.7	37.7	38.1	39.1
≥ 12000	34.1	32.9	34.2	35.5	36.1	36.1	36.5	36.5	36.5	36.8	37.1	37.4	38.4	38.4	38.7	39.7
≥ 10000	34.8	34.5	35.8	37.1	37.7	37.7	38.1	38.1	38.1	38.4	38.7	39.0	40.0	40.0	40.3	41.3
≥ 9000	34.8	34.5	35.8	37.1	37.7	37.7	38.1	38.1	38.1	38.4	38.7	39.0	40.0	40.0	40.3	41.3
≥ 8000	37.7	34.8	36.1	37.4	38.1	38.1	38.8	38.8	38.8	38.7	39.0	39.4	40.3	40.3	40.7	41.6
≥ 7000	34.1	34.1	37.4	38.7	39.4	39.4	39.7	39.7	39.7	40.0	40.3	40.7	41.6	41.6	41.9	42.9
≥ 6000	34.1	36.5	37.7	39.0	39.7	39.7	40.0	40.0	40.0	40.3	40.7	41.0	41.9	41.9	42.3	43.2
≥ 5000	34.4	34.4	39.7	41.0	41.6	41.6	41.9	41.9	41.9	42.3	42.6	42.9	43.9	43.9	44.2	45.2
≥ 4500	34.1	39.0	41.0	42.3	42.9	42.9	43.2	43.2	43.2	43.6	43.9	44.2	45.2	45.2	45.5	46.5
≥ 4000	34.1	41.3	42.6	43.9	44.5	44.5	44.8	44.8	44.8	45.2	45.5	45.8	46.8	46.8	47.1	48.1
≥ 3500	34.1	43.6	44.9	46.1	46.8	46.8	47.1	47.1	47.1	47.4	47.7	48.1	49.1	49.1	49.4	50.4
≥ 3000	34.1	44.5	46.1	47.4	48.1	48.1	48.4	48.8	48.8	48.7	49.0	49.4	50.3	50.3	50.7	51.6
≥ 2500	34.1	48.1	49.4	50.7	51.3	51.3	51.6	51.6	51.6	51.9	52.3	52.6	53.6	53.6	53.9	54.9
≥ 2000	34.1	51.0	52.6	53.9	54.5	54.5	54.8	54.8	54.8	55.2	55.5	55.8	56.8	56.8	57.1	58.1
≥ 1800	34.1	52.6	54.5	55.8	56.8	56.8	57.1	57.1	57.1	57.4	57.7	58.1	59.0	59.0	59.4	60.3
≥ 1500	34.1	57.7	59.7	61.0	61.6	61.7	62.3	62.3	62.3	62.6	62.9	63.2	64.2	64.2	64.5	65.5
≥ 1200	34.7	60.0	61.9	63.2	64.2	64.2	64.5	64.5	64.5	64.8	65.2	65.5	66.5	66.5	66.8	67.7
≥ 1000	34.7	62.9	65.5	66.8	67.7	67.7	68.0	68.0	68.0	68.3	68.7	69.0	70.0	70.0	70.3	71.3
≥ 900	34.7	63.2	66.1	67.4	68.4	68.4	68.7	68.7	68.7	69.0	69.4	69.7	70.7	70.7	71.0	72.0
≥ 800	34.8	67.1	69.7	71.0	71.9	71.9	72.6	72.6	72.6	72.9	73.2	73.6	74.5	74.5	74.8	75.8
≥ 700	34.8	69.4	71.9	73.2	74.8	74.8	75.5	75.5	75.5	75.8	76.1	76.5	77.4	77.4	77.7	78.7
≥ 600	34.8	71.3	74.2	76.1	77.4	77.4	78.1	78.1	78.1	78.4	78.7	79.0	80.0	80.0	80.3	81.3
≥ 500	34.8	74.2	77.1	79.0	80.7	80.7	81.3	81.3	81.3	81.9	82.3	82.6	83.9	83.9	84.2	85.2
≥ 400	34.8	74.2	77.1	79.4	81.6	81.6	82.3	82.6	82.6	83.6	83.9	84.2	85.5	85.5	85.8	87.1
≥ 300	34.8	74.8	78.1	81.0	83.9	83.9	84.8	85.2	85.2	86.3	87.1	87.4	88.7	88.7	89.0	90.3
≥ 200	34.8	75.2	78.7	81.9	84.8	84.8	86.1	86.8	86.8	88.0	89.0	89.7	91.9	91.9	92.6	93.9
≥ 100	34.8	75.2	78.7	81.9	84.8	84.8	86.1	86.8	86.8	88.0	89.7	90.0	92.2	92.2	92.9	94.2
≥ 0	34.8	75.2	78.7	81.9	84.8	84.8	86.1	86.8	86.8	88.0	89.7	90.0	92.2	92.2	92.9	94.2

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

1 STATION | [illegible], TN STATION NAME | 77-87 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	[illegible]	[illegible]
≥ 20000	[illegible]	[illegible]	37.5	37.5	37.5	[illegible]	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	[illegible]
≥ 18000	[illegible]	[illegible]	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
≥ 16000	[illegible]	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ 14000	[illegible]	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	[illegible]
≥ 12000	[illegible]	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 10000	[illegible]	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 9000	[illegible]	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 8000	[illegible]	43.0	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 7000	[illegible]	43.7	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 6000	[illegible]	44.3	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 5000	[illegible]	[illegible]	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 4500	[illegible]	47.5	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 4000	[illegible]	49.5	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 3500	[illegible]	51.1	51.5	51.9	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	[illegible]
≥ 3000	[illegible]	54.4	54.7	[illegible]	[illegible]	[illegible]	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	[illegible]	[illegible]
≥ 2500	[illegible]	59.6	6[illegible]	[illegible]	[illegible]	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 2000	[illegible]	[illegible]	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 1800	[illegible]	66.7	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 1500	[illegible]	70.4	71.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 1200	[illegible]	71.5	73.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 1000	[illegible]	75.4	77.4	79.0	79.0	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 900	[illegible]	76.7	79.[illegible]	[illegible]	[illegible]	81.2	81.9	[illegible]	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 800	[illegible]	77.4	[illegible]	[illegible]	[illegible]	83.2	84.1	84.1	84.1	[illegible]	84.1	84.1	84.1	84.1	84.1	84.1
≥ 700	[illegible]	78.2	81.2	[illegible]	[illegible]	84.5	85.8	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 600	[illegible]	79.0	82.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 500	[illegible]	79.6	83.8	87.7	88.7	[illegible]	92.2	92.6	93.2	93.9	93.9	93.9	93.9	93.9	93.9	[illegible]
≥ 400	[illegible]	79.9	84.1	[illegible]	89.6	[illegible]	93.9	94.8	95.5	96.4	96.8	96.8	96.8	96.8	96.8	96.9
≥ 300	[illegible]	79.9	84.1	[illegible]	[illegible]	[illegible]	94.8	95.8	96.4	97.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	79.9	84.1	[illegible]	[illegible]	[illegible]	95.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	79.9	84.1	[illegible]	[illegible]	[illegible]	95.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
0	[illegible]	79.9	84.1	[illegible]	[illegible]	[illegible]	95.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION [illegible] | STATION NAME KNOXVILLE, TN | YEARS 73-82 | MONTH JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) 1-4

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	78.7	39.7	39.4	[illegible]	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 20000	[illegible]	50.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 18000	[illegible]	51.3	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 16000	[illegible]	51.3	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 14000	[illegible]	51.6	51.6	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 12000	[illegible]	52.3	52.6	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 10000	[illegible]	54.5	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 9000	[illegible]	54.5	55.2	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 8000	[illegible]	59.4	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 7000	[illegible]	[illegible]	61.0	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 6000	[illegible]	61.9	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 5000	[illegible]	63.9	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 4500	[illegible]	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 4000	[illegible]	65.8	66.8	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 3500	[illegible]	67.4	69.4	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 3000	[illegible]	68.1	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 2500	[illegible]	70.0	71.9	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 2000	[illegible]	72.3	74.8	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 1800	[illegible]	73.2	75.8	76.6	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 1500	[illegible]	75.2	77.7	78.7	79.2	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.2	79.2	79.2
≥ 1200	[illegible]	75.8	78.7	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 1000	[illegible]	76.8	80.2	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 900	[illegible]	77.1	80.3	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 800	[illegible]	76.9	81.0	83.6	84.2	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 700	[illegible]	79.4	82.6	84.5	85.5	85.5	86.1	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 600	[illegible]	79.7	83.6	85.8	87.7	88.1	89.4	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 500	[illegible]	80.7	84.5	86.8	89.7	90.0	91.3	91.9	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 400	[illegible]	80.7	84.5	86.8	90.0	90.7	91.9	93.2	93.2	93.6	93.6	93.6	93.9	93.9	93.9	93.9
≥ 300	[illegible]	80.7	84.5	86.8	90.7	91.6	93.2	94.8	94.8	95.8	96.1	96.1	97.1	97.1	97.1	97.1
≥ 200	[illegible]	80.7	84.5	86.8	91.3	92.3	93.9	95.5	95.8	97.1	97.4	97.4	98.7	98.7	98.7	98.7
≥ 100	[illegible]	[illegible]	84.5	86.8	91.6	92.6	94.2	95.8	96.1	97.4	97.7	97.7	99.4	99.4	99.4	99.7
≥ 0	[illegible]	[illegible]	84.5	86.8	91.6	92.6	94.2	95.8	96.1	97.4	97.7	97.7	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

1 [illegible] | MINGSVILLE, TX | 1-82 | JAN

STATION | STATION NAME | YEARS | MONTH

ALL

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	43.6	44.2	44.2	44.2	44.2	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	45.2	45.5
≥ 20000	3[illegible].2	48.7	49.4	49.7	49.7	49.7	50.3	50.3	50.3	50.7	50.7	50.7	50.7	50.7	51.0	51.3
≥ 18000	[illegible].2	48.7	49.4	49.7	49.7	49.7	50.3	50.3	50.3	50.7	50.7	50.7	50.7	50.7	51.0	51.3
≥ 16000	3[illegible].2	48.7	49.4	49.7	49.7	49.7	50.3	50.3	50.3	50.7	50.7	50.7	50.7	50.7	51.0	51.3
≥ 14000	3[illegible].2	49.0	49.7	50.0	50.0	50.0	50.7	50.7	50.7	51.0	51.0	51.0	51.0	51.0	51.3	51.6
≥ 12000	3[illegible].1	50.3	51.0	51.3	51.3	51.3	51.9	51.9	51.9	52.3	52.3	52.3	52.3	52.3	52.6	52.9
≥ 10000	[illegible].1	51.3	51.9	52.3	52.3	52.3	52.9	52.9	52.9	53.2	53.2	53.2	53.2	53.2	53.6	53.9
≥ 9000	[illegible].1	51.3	51.9	52.3	52.3	52.3	52.9	52.9	52.9	53.2	53.2	53.2	53.2	53.2	53.6	53.9
≥ 8000	[illegible].1	53.[illegible]	53.9	54.2	54.2	54.2	54.8	54.8	54.8	55.2	55.2	55.2	55.2	55.2	55.5	55.8
≥ 7000	37.7	54.8	55.5	55.8	55.8	55.8	56.5	56.5	56.5	56.8	56.8	56.8	56.8	56.8	57.1	57.4
≥ 6000	[illegible].1	55.5	56.1	56.5	56.5	56.5	57.1	57.1	57.1	57.4	57.4	57.4	57.4	57.4	57.7	58.1
≥ 5000	3[illegible].7	56.5	57.1	57.4	57.4	57.4	58.1	58.1	58.1	58.4	58.4	58.4	58.4	58.4	58.7	59.0
≥ 4500	[illegible].7	57.1	57.7	58.1	58.1	58.1	58.7	58.7	58.7	59.[illegible]	59.0	59.0	59.0	59.0	59.4	59.7
≥ 4000	[illegible].0	58.4	59.0	59.4	59.4	59.4	60.0	60.0	60.0	60.3	60.3	60.3	60.3	60.3	60.7	61.[illegible]
≥ 3500	[illegible].1	60.7	61.3	61.6	61.6	61.6	62.3	62.3	62.3	62.6	62.6	62.6	62.6	62.6	62.9	63.2
≥ 3000	[illegible].3	62.6	63.2	63.6	63.9	63.9	64.5	64.5	64.5	64.8	64.8	64.8	64.8	64.8	65.2	65.5
≥ 2500	[illegible].4	65.5	66.1	66.5	66.8	66.8	67.4	67.4	67.4	67.7	67.7	67.7	67.7	67.7	68.1	68.4
≥ 2000	64.[illegible]	68.4	69.0	69.4	69.7	69.7	70.3	70.3	70.3	70.7	70.7	70.7	70.7	70.7	71.0	71.3
≥ 1800	65.2	69.0	69.7	70.3	70.7	70.7	71.3	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.9	72.3
≥ 1500	65.5	73.2	73.9	74.5	74.8	74.8	75.5	75.5	75.5	75.8	75.8	75.8	75.8	75.8	76.1	76.5
≥ 1200	[illegible].8	73.9	74.5	75.5	75.8	75.8	76.5	76.5	76.5	76.8	76.8	76.8	76.8	76.8	77.1	77.4
≥ 1000	67.1	76.5	77.1	78.1	78.4	78.4	79.0	79.0	79.0	79.7	79.7	79.7	79.7	79.7	80.0	80.3
≥ 900	67.8	76.8	77.4	78.7	79.0	79.0	79.7	79.7	79.7	80.3	80.3	80.3	80.3	80.3	80.7	81.0
≥ 800	67.8	76.1	78.7	80.0	80.3	80.3	81.0	81.0	81.0	81.6	81.6	81.6	81.6	81.6	81.9	82.3
≥ 700	67.8	78.4	79.4	80.7	81.0	81.0	81.6	81.6	81.6	82.3	82.3	82.3	82.3	82.3	82.6	82.9
≥ 600	67.8	80.0	81.9	83.6	83.9	83.9	84.5	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.5	85.8
≥ 500	67.8	81.9	84.8	87.[illegible]	87.1	87.1	87.7	87.7	87.7	88.4	88.4	88.4	88.4	88.4	88.7	89.[illegible]
≥ 400	67.8	82.3	86.1	88.1	89.0	89.4	90.0	90.0	90.0	90.3	91.6	91.6	91.6	91.6	91.9	92.3
≥ 300	67.8	82.3	86.1	88.7	89.7	90.0	90.7	90.7	91.3	92.2	93.2	93.2	93.6	93.8	93.9	94.2
≥ 200	67.8	82.6	86.5	89.[illegible]	90.3	90.7	91.6	91.6	92.3	93.2	94.2	94.2	94.8	95.0	95.3	95.6
≥ 100	67.8	82.6	86.5	9[illegible].0	91.3	91.6	92.6	92.9	93.6	95.0	95.8	95.8	96.8	97.0	98.4	99.0
≥ 0	67.8	82.6	86.5	90.0	91.3	91.6	92.6	92.9	93.6	95.0	95.8	95.8	97.0	98.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

1 [illegible] | KINGSVILLE, TX | 73-82 | JAN

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	34.5	35.0	35.5	35.8	35.9	36.2	36.2	36.2	36.4	36.6	36.7	36.9	37.1	37.3	37.7
≥ 20000	[illegible]	41.2	42.9	41.5	41.8	41.9	42.2	42.2	42.2	42.5	42.7	42.7	43.0	43.1	43.3	43.7
≥ 18000	[illegible]	41.2	40.9	41.5	41.8	41.9	42.2	42.3	42.3	42.5	42.7	42.8	43.0	43.1	43.4	43.7
≥ 16000	[illegible]	[illegible]	41.7	41.7	41.9	42.0	42.3	42.4	42.4	42.7	42.8	42.9	43.1	43.3	43.5	43.9
≥ 14000	[illegible]	[illegible]	41.2	41.4	42.1	42.2	42.6	42.6	42.6	42.9	43.1	43.1	43.4	43.5	43.7	44.1
≥ 12000	[illegible]	41.6	42.3	43.2	43.3	43.4	43.7	43.8	43.8	44.1	44.2	44.3	44.6	44.7	44.9	45.3
≥ 10000	[illegible]	42.9	43.7	44.3	44.6	44.7	45.1	45.1	45.1	45.4	45.6	45.6	45.9	46.0	46.3	46.6
≥ 9000	[illegible]	43.0	43.7	44.4	44.7	44.8	45.2	45.2	45.2	45.5	45.6	45.7	46.0	46.1	46.3	46.7
≥ 8000	[illegible]	44.6	45.4	46.0	46.3	46.4	46.8	46.8	46.8	47.1	47.3	47.3	47.6	47.7	47.9	48.3
≥ 7000	[illegible]	45.4	46.2	46.9	47.2	47.3	47.7	47.7	47.7	48.0	48.1	48.2	48.5	48.6	48.8	49.2
≥ 6000	[illegible]	46.1	46.9	47.5	47.9	48.0	48.4	48.4	48.4	48.7	48.8	48.9	49.2	49.3	49.5	49.9
≥ 5000	[illegible]	48.2	49.1	49.7	50.1	50.2	50.5	50.6	50.6	50.9	51.0	51.1	51.3	51.5	51.7	52.1
≥ 4500	[illegible]	49.1	49.9	50.5	50.9	51.0	51.3	51.4	51.4	51.7	51.8	51.9	52.1	52.3	52.5	52.9
≥ 4000	[illegible]	50.3	51.3	51.9	52.3	52.4	52.7	52.8	52.8	53.1	53.2	53.3	53.6	53.7	53.9	54.3
≥ 3500	[illegible]	52.2	53.3	54.0	54.3	54.4	54.8	54.8	54.8	55.1	55.3	55.3	55.6	55.7	55.9	56.3
≥ 3000	[illegible]	54.4	55.3	56.2	56.6	56.7	57.1	57.1	57.1	57.4	57.6	57.6	57.9	58.0	58.2	58.6
≥ 2500	[illegible]	57.2	58.4	59.1	59.6	59.6	60.1	60.1	60.1	60.4	60.5	60.6	60.9	61.0	61.2	61.6
≥ 2000	[illegible]	60.4	61.8	62.7	63.2	63.2	63.6	63.7	63.7	64.0	64.1	64.2	64.5	64.6	64.9	65.2
≥ 1800	[illegible]	61.3	62.8	63.7	64.3	64.4	64.8	64.9	64.9	65.1	65.3	65.4	65.7	65.8	66.1	66.4
≥ 1500	[illegible]	64.5	66.2	67.3	68.0	68.1	68.5	68.6	68.6	68.9	69.1	69.1	69.4	69.5	69.7	70.1
≥ 1200	[illegible]	66.3	69.3	69.5	70.2	70.3	70.8	70.9	70.9	71.2	71.3	71.4	71.7	71.8	72.1	72.4
≥ 1000	[illegible]	69.1	71.4	72.7	73.5	73.7	74.3	74.4	74.4	74.7	74.9	74.9	75.2	75.3	75.6	76.0
≥ 900	[illegible]	69.8	72.2	73.8	74.6	74.7	75.4	75.8	75.8	75.8	76.0	76.1	76.4	76.5	76.7	77.1
≥ 800	[illegible]	71.4	73.9	75.8	76.7	76.9	77.8	77.9	77.9	78.3	78.4	78.5	78.8	78.9	79.1	79.5
≥ 700	[illegible]	72.7	75.4	77.6	78.7	78.9	79.9	80.1	80.2	80.5	80.7	80.8	81.0	81.2	81.4	81.8
≥ 600	[illegible]	73.9	77.2	79.7	81.0	81.4	82.8	82.9	83.3	83.4	83.5	83.6	83.9	84.0	84.3	84.6
≥ 500	[illegible]	75.3	78.8	81.6	83.4	84.0	85.3	85.8	85.9	86.6	86.8	86.8	87.2	87.3	87.5	87.9
≥ 400	[illegible]	75.8	79.7	82.8	85.0	85.8	87.3	88.0	88.2	89.2	89.5	89.6	90.0	90.1	90.4	90.8
≥ 300	[illegible]	76.1	80.0	83.6	86.1	86.9	88.7	89.6	90.0	91.3	91.9	92.0	92.4	92.7	93.0	93.5
≥ 200	[illegible]	76.4	80.5	84.1	86.8	87.7	89.4	90.9	91.4	93.3	94.0	94.0	94.2	94.5	94.8	96.7
≥ 100	[illegible]	76.4	80.5	84.2	87.0	87.9	90.1	91.3	91.8	93.9	94.6	94.6	96.3	96.9	97.6	98.9
≥ 0	[illegible]	76.4	80.5	84.2	87.0	87.9	90.1	91.3	91.8	93.9	94.6	94.6	96.5	97.1	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2491

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

1 [illegible] 2F — STATION

[illegible]VILLE, [illegible] — STATION NAME

[illegible]-83 — YEARS

FEB — MONTH

00 — HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	37.6	46.1	47.2	47.5	47.5	47.5	48.2	48.2	48.2	48.2	48.2	48.2	48.6	48.6	48.9	5[illegible].7
≥ 20000	47.1	50.4	51.4	51.8	52.1	52.1	52.8	52.8	52.8	52.8	52.8	52.8	53.2	53.2	53.6	55.3
≥ 18000	50.1	50.4	51.4	51.8	52.1	52.1	52.8	52.8	52.8	52.8	52.8	52.8	53.2	53.2	53.6	55.3
≥ 16000	50.1	50.4	51.4	51.8	52.1	52.1	52.8	52.8	52.8	52.8	52.8	52.8	53.2	53.2	53.6	55.3
≥ 14000	50.1	50.7	51.8	52.1	52.5	52.5	53.2	53.2	53.2	53.2	53.2	53.2	53.6	53.6	53.9	55.7
≥ 12000	50.1	50.7	51.8	52.1	52.5	52.5	53.2	53.2	53.2	53.2	53.2	53.2	53.6	53.6	53.9	55.7
≥ 10000	50.[illegible]	51.4	52.5	52.8	53.2	53.2	53.9	53.9	53.9	53.9	53.9	53.9	54.3	54.3	54.6	56.4
≥ 9000	50.[illegible]	51.4	52.5	52.8	53.2	53.2	53.9	53.9	53.9	53.9	53.9	53.9	54.3	54.3	54.6	56.4
≥ 8000	51.1	52.1	53.2	53.9	54.3	54.3	55.0	55.0	55.0	55.0	55.0	55.0	55.3	55.3	55.7	57.5
≥ 7000	52.4	53.6	54.6	55.3	55.7	55.7	56.4	56.4	56.4	56.4	56.4	56.4	56.7	56.7	57.1	58.9
≥ 6000	52.6	53.9	55.[illegible]	55.7	56.[illegible]	56.[illegible]	56.7	56.7	56.7	56.7	56.7	56.7	57.1	57.1	57.5	59.2
≥ 5000	52.[illegible]	54.6	55.7	56.4	56.7	56.7	57.5	57.5	57.8	57.8	57.[illegible]	57.8	58.2	58.2	58.5	60.3
≥ 4500	53.3	55.3	56.4	57.1	57.5	57.5	58.2	58.2	58.5	58.5	58.5	58.5	58.9	58.9	59.2	61.0
≥ 4000	53.4	56.4	57.5	58.2	58.5	58.5	59.2	59.2	59.6	59.6	59.6	59.6	59.9	59.9	60.3	62.1
≥ 3500	57.0	58.9	59.9	60.6	61.0	61.0	61.7	61.7	62.1	62.1	62.1	62.1	62.4	62.4	62.8	64.5
≥ 3000	59.[illegible]	61.0	62.1	62.8	63.1	63.1	63.8	64.2	64.5	64.5	64.5	64.5	64.9	64.9	65.3	67.[illegible]
≥ 2500	60.[illegible]	63.4	64.9	65.6	66.0	66.0	66.7	67.0	67.4	67.4	67.4	67.4	67.7	67.7	68.1	69.9
≥ 2000	61.[illegible]	66.3	67.4	68.1	68.4	68.4	69.2	69.9	70.2	70.2	70.2	70.2	70.6	70.6	70.9	72.7
≥ 1800	62.9	67.4	68.4	69.3	69.9	69.9	70.6	71.3	71.6	71.6	71.6	71.6	72.0	72.0	72.3	74.1
≥ 1500	63.6	70.[illegible]	71.6	72.7	73.1	73.1	73.8	74.5	74.8	74.8	74.8	74.8	75.2	75.2	75.5	77.3
≥ 1200	64.9	72.[illegible]	73.1	74.1	74.5	74.5	75.2	75.9	76.2	76.2	76.2	76.2	76.6	76.6	77.0	78.7
≥ 1000	64.9	73.4	74.5	75.9	76.2	76.2	77.0	77.7	78.[illegible]	78.0	78.0	78.0	78.4	78.4	78.7	80.5
≥ 900	65.3	74.5	75.9	77.3	77.7	77.7	78.4	79.1	79.4	79.4	79.4	79.4	79.8	79.8	80.1	81.9
≥ 800	69.7	76.6	78.4	80.1	80.9	80.9	81.6	82.3	82.6	82.6	82.6	82.6	83.0	83.0	83.3	85.1
≥ 700	70.0	78.7	80.5	82.3	83.0	83.0	83.7	84.4	84.[illegible]	84.8	84.8	84.8	85.1	85.1	85.5	87.2
≥ 600	72.[illegible]	80.5	83.0	84.8	85.5	85.5	86.2	86.9	87.2	87.6	87.6	87.6	87.9	87.9	88.3	9[illegible].1
≥ 500	74.3	82.3	85.1	86.9	87.6	87.6	88.3	89.0	89.4	89.7	89.7	89.7	90.1	90.1	90.4	92.2
≥ 400	75.0	82.4	85.5	87.6	88.7	88.7	89.4	90.1	90.4	90.8	90.8	90.8	91.1	91.1	91.5	93.3
≥ 300	75.3	82.4	85.8	88.3	89.7	89.7	90.8	91.8	92.[illegible]	92.9	92.9	92.9	93.3	93.6	94.0	95.7
≥ 200	80.0	83.0	86.5	89.4	91.1	91.1	92.9	94.[illegible]	94.7	95.4	95.7	95.7	96.1	96.5	96.8	98.6
≥ 100	80.0	83.0	86.5	89.4	91.1	91.1	92.9	94.[illegible]	94.7	95.4	95.7	95.7	96.1	96.5	97.2	99.[illegible]
0	80.0	83.0	86.5	89.4	91.1	91.1	92.9	94.0	94.7	95.4	95.7	95.7	96.1	96.5	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 242

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

13958 (STATION) MIDLAND, TX (STATION NAME) 73-82 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	35.7	36.2	37.6	38.7	40.4	0.4	41.1	41.1	41.5	41.5	41.8	41.8	42.9	42.9	42.9	43.6
≥ 20000	36.1	38.3	39.7	41.1	42.9	42.9	43.6	43.6	44.0	44.0	44.3	44.3	45.7	45.7	45.7	46.5
≥ 18000	36.1	38.3	39.7	41.1	42.9	42.9	43.6	43.6	44.0	44.0	44.3	44.3	45.7	45.7	45.7	46.5
≥ 16000	36.1	38.3	39.7	41.1	42.9	42.9	43.6	43.6	44.0	44.0	44.3	44.3	45.7	45.7	45.7	46.5
≥ 14000	36.5	38.7	40.1	41.5	43.3	43.3	44.0	44.0	44.4	44.3	44.7	44.7	46.1	46.1	46.1	46.9
≥ 12000	36.5	38.8	40.2	41.8	43.6	43.6	44.3	44.3	44.7	44.7	45.0	45.0	46.5	46.5	46.5	47.2
≥ 10000	36.9	38.7	41.1	42.6	44.3	44.3	45.0	45.0	45.4	45.4	45.7	45.7	47.2	47.2	47.2	47.9
≥ 9000	37.2	40.4	41.8	43.3	45.0	45.0	45.7	45.7	46.1	46.1	46.5	46.5	47.9	47.9	47.9	48.6
≥ 8000	37.5	41.5	42.9	44.3	46.5	46.5	47.2	47.2	47.5	47.5	47.9	47.9	49.3	49.3	49.3	50.0
≥ 7000	37.6	42.6	44.0	45.4	47.5	47.5	48.2	48.2	48.6	48.6	48.9	48.9	50.4	50.4	50.4	51.1
≥ 6000	38.3	43.6	45.0	46.5	48.6	48.6	49.3	49.3	49.7	49.7	50.0	50.0	51.4	51.4	51.4	52.1
≥ 5000	38.4	44.7	46.1	47.5	49.7	49.7	50.4	50.4	50.7	50.7	51.1	51.1	52.5	52.5	52.5	53.2
≥ 4500	38.4	44.7	46.1	47.5	49.7	49.7	50.7	50.7	51.1	51.1	51.4	51.4	52.8	52.8	52.8	53.6
≥ 4000	38.1	45.7	47.2	48.6	50.7	50.7	51.8	51.8	52.1	52.1	52.5	52.5	53.9	53.9	53.9	54.6
≥ 3500	36.2	47.5	49.3	51.1	53.2	53.2	54.3	54.3	54.6	54.6	55.0	55.0	56.4	56.4	56.4	57.1
≥ 3000	36.9	48.9	50.7	52.5	54.6	54.6	56.0	56.0	56.4	56.4	56.7	56.7	58.2	58.2	58.2	58.9
≥ 2500	39.1	53.2	55.0	57.1	59.2	59.2	61.0	61.0	61.4	61.4	61.7	61.7	63.1	63.1	63.5	64.2
≥ 2000	39.1	53.2	55.0	57.1	59.2	59.2	61.0	61.0	61.4	61.4	61.7	61.7	63.1	63.1	63.5	64.2
≥ 1800	39.4	55.7	57.8	60.0	62.1	62.1	63.8	63.8	64.2	64.2	64.5	64.5	66.3	66.3	66.7	67.4
≥ 1500	40.4	59.4	62.1	64.9	67.9	67.9	69.2	69.2	69.5	70.2	70.6	70.6	72.0	72.0	72.3	73.1
≥ 1200	40.8	60.0	63.1	66.0	68.9	68.9	70.2	70.2	70.6	71.3	71.6	71.6	73.1	73.1	73.4	74.1
≥ 1000	41.5	64.2	67.0	70.2	72.7	72.7	74.5	74.5	74.8	75.5	75.9	75.9	77.3	77.3	77.7	78.4
≥ 900	41.8	65.6	68.4	71.6	74.1	74.1	75.9	75.9	76.2	77.0	77.3	77.3	78.7	78.7	79.1	79.9
≥ 800	42.2	67.0	69.9	73.1	75.8	75.8	77.3	77.3	77.7	78.7	79.1	79.1	80.5	80.5	80.9	81.6
≥ 700	42.6	68.1	70.9	74.1	77.3	77.3	79.1	79.1	79.4	80.5	80.9	80.9	82.3	82.3	82.6	83.3
≥ 600	42.6	69.2	72.0	75.2	78.7	78.7	80.9	80.9	81.2	82.3	82.6	82.6	84.0	84.0	84.4	85.1
≥ 500	42.9	70.6	74.1	77.3	80.9	80.9	83.0	83.0	83.3	84.4	84.8	84.8	86.2	86.2	86.5	87.2
≥ 400	42.9	71.6	75.2	78.7	83.0	83.0	85.5	85.5	85.8	86.9	87.2	87.2	88.7	88.7	89.0	89.7
≥ 300	42.9	73.1	76.6	80.1	85.1	85.1	87.6	87.6	87.9	89.0	89.7	89.7	91.1	91.1	91.5	92.2
≥ 200	42.9	73.1	76.6	80.9	86.2	86.2	88.7	88.7	89.0	90.4	91.1	91.1	92.9	92.9	93.3	94.3
≥ 100	42.9	73.1	76.6	80.9	86.2	86.2	88.7	88.7	89.0	90.4	91.1	91.5	93.6	93.6	94.0	95.7
≥ 0	42.9	73.1	76.6	80.9	86.2	86.2	88.7	88.7	89.0	90.9	91.1	91.5	93.7	93.7	95.0	100.0

TOTAL NUMBER OF OBSERVATIONS 272

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]ILLE, NC	[illegible]-82	FEB

HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	24.2	36.7	38.7	39.4	39.4	39.4	39.7	40.8	40.8	41.1	41.5	41.5	42.6	42.9	43.3	45.
≥ 20000	25.7	39.0	40.8	41.5	41.5	41.5	41.8	42.9	42.9	43.3	43.6	43.6	44.7	45.0	45.4	47.2
≥ 18000	25.7	39.2	40.8	41.5	41.5	41.5	41.8	42.9	42.9	43.3	43.6	43.6	44.7	45.0	45.4	47.2
≥ 16000	25.7	39.2	40.8	41.5	41.5	41.5	41.8	42.9	42.9	43.3	43.6	43.6	44.7	45.0	45.4	47.2
≥ 14000	25.2	39.4	41.1	41.8	41.8	41.8	42.2	43.3	43.3	43.6	44.0	44.0	45.0	45.4	45.7	47.5
≥ 12000	25.7	39.4	41.1	41.8	41.8	41.8	42.2	43.3	43.3	43.6	44.0	44.0	45.0	45.4	45.7	47.5
≥ 10000	25.8	40.1	42.2	42.9	42.9	42.9	43.3	44.3	44.3	44.7	45.0	45.0	46.1	46.5	46.8	48.6
≥ 9000	25.8	40.1	42.2	42.9	42.9	42.9	43.3	44.3	44.3	44.7	45.0	45.0	46.1	46.5	46.8	48.6
≥ 8000	25.8	40.1	42.2	42.9	42.9	42.9	43.3	44.3	44.3	44.7	45.0	45.0	46.1	46.5	46.8	48.6
≥ 7000	26.1	41.1	43.3	44.0	44.0	44.0	44.3	45.4	45.4	45.7	46.1	46.1	47.2	47.5	47.9	49.7
≥ 6000	27.0	41.8	44.0	44.7	44.7	44.7	45.0	46.1	46.1	46.5	46.8	46.8	47.9	48.2	48.6	50.4
≥ 5000	27.7	42.6	44.7	45.4	45.4	45.4	45.7	46.8	46.8	47.2	47.5	47.5	48.6	48.9	49.3	51.1
≥ 4500	27.7	43.4	45.7	46.5	46.5	46.5	46.8	47.9	47.9	48.2	48.6	48.6	49.7	50.0	50.4	52.1
≥ 4000	28.0	44.3	46.5	47.2	47.2	47.2	47.5	48.6	48.6	48.9	49.3	49.3	50.4	50.7	51.1	52.8
≥ 3500	28.4	45.4	47.5	48.2	48.2	48.2	48.6	49.7	49.7	50.0	50.4	50.4	51.4	51.8	52.1	53.9
≥ 3000	28.4	46.1	48.2	48.9	48.9	48.9	49.3	50.4	50.4	50.7	51.1	51.1	52.1	52.5	52.8	54.6
≥ 2500	29.1	48.9	51.1	52.5	52.5	52.5	52.8	53.9	53.9	54.3	54.6	54.6	55.7	56.1	56.4	58.2
≥ 2000	29.8	50.1	54.3	55.7	56.0	56.0	56.4	57.5	57.5	58.2	58.5	58.5	59.6	59.9	60.3	62.1
≥ 1800	30.1	52.3	55.0	56.7	57.1	57.1	57.5	58.5	58.5	59.2	59.6	59.6	60.6	61.0	61.4	63.1
≥ 1500	31.0	56.7	59.2	61.0	62.1	62.1	62.8	63.8	63.8	64.5	64.9	64.9	66.0	66.3	66.7	68.4
≥ 1200	31.0	58.2	61.0	63.1	64.2	64.2	64.9	66.0	66.0	66.7	67.0	67.0	68.1	68.4	68.8	70.6
≥ 1000	33.2	62.1	64.9	67.0	68.1	68.1	69.2	70.2	70.2	70.9	71.3	71.3	72.3	72.7	73.1	74.8
≥ 900	33.3	62.8	65.6	68.1	69.2	69.2	70.2	71.3	71.3	72.0	72.4	72.4	73.4	73.8	74.1	75.9
≥ 800	33.3	65.3	68.4	70.9	72.0	72.0	73.1	74.1	74.1	74.8	75.2	75.2	76.2	76.6	77.0	78.7
≥ 700	34.0	67.0	70.6	73.1	74.1	74.1	75.2	76.2	76.2	77.0	77.3	77.3	78.4	78.7	79.1	80.9
≥ 600	34.0	68.1	72.0	74.5	75.5	75.5	76.6	77.7	77.7	78.4	78.7	78.7	79.8	80.1	80.5	82.3
≥ 500	34.7	68.4	73.1	75.5	77.0	77.0	78.1	80.1	80.1	80.9	81.2	81.2	82.3	82.6	83.0	84.8
≥ 400	34.7	69.2	74.1	77.0	78.1	78.1	80.5	82.6	82.6	83.3	83.7	83.7	85.1	85.5	85.8	87.6
≥ 300	34.7	69.9	74.8	78.0	79.8	80.5	82.6	84.8	84.8	85.8	86.5	86.9	88.7	89.0	89.4	91.1
≥ 200	34.7	69.9	74.8	78.7	81.2	81.9	84.8	86.9	86.9	88.3	89.4	89.7	92.2	92.6	92.9	94.7
≥ 100	34.7	69.9	74.8	78.7	81.2	81.9	84.8	86.9	87.2	88.7	90.1	90.4	93.6	93.9	93.7	96.2
≥ 0	34.0	69.9	74.8	78.7	81.2	81.9	84.8	86.9	87.2	88.7	90.1	90.4	93.6	93.9	93.7	100.0

TOTAL NUMBER OF OBSERVATIONS 282

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

[illegible] (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	12.[illegible]	33.[illegible]	34.9	35.6	36.7	36.7	36.7	36.7	37.0	37.0	37.0	37.[illegible]	37.[illegible]	37.4	37.4	38.1
≥ 20000	13.2	37.4	38.2	38.9	40.9	40.9	40.9	40.9	41.3	41.3	41.3	41.3	41.3	42.[illegible]	42.[illegible]	42.7
≥ 18000	13.2	37.4	38.2	38.9	40.9	40.9	40.9	40.9	41.3	41.3	41.3	41.3	41.3	42.0	42.0	42.7
≥ 16000	13.2	37.4	38.2	38.9	40.9	40.9	40.9	40.9	41.3	41.3	41.3	41.3	41.3	42.0	42.0	42.7
≥ 14000	13.2	37.7	38.5	[illegible].2	41.3	41.3	41.3	41.3	41.6	41.6	41.6	41.6	41.6	42.4	42.4	43.1
≥ 12000	13.[illegible]	38.4	[illegible].2	40.9	42.0	42.0	42.0	42.0	42.4	42.4	42.4	42.4	42.4	43.1	43.1	43.8
≥ 10000	13.[illegible]	39.9	42.0	42.7	43.8	43.8	43.8	43.8	44.1	44.1	44.1	44.1	44.1	44.8	44.8	45.6
≥ 9000	13.[illegible]	40.2	42.4	43.1	44.1	44.1	44.1	44.1	44.5	44.5	44.5	44.5	44.5	45.2	45.2	45.9
≥ 8000	14.[illegible]	41.6	43.8	44.5	45.6	45.6	45.6	45.6	45.9	45.9	45.9	45.9	45.9	46.6	46.6	47.3
≥ 7000	15.[illegible]	42.4	44.5	45.6	46.6	46.6	46.6	46.6	47.0	47.0	47.0	47.0	47.0	47.7	47.7	48.4
≥ 6000	15.[illegible]	43.1	45.2	46.3	47.3	47.3	47.3	47.3	47.7	47.7	47.7	47.7	47.7	48.4	48.4	49.1
≥ 5000	16.[illegible]	44.5	47.0	48.0	49.1	49.1	49.1	49.1	49.5	49.5	49.5	49.5	49.5	50.2	50.2	50.9
≥ 4500	16.[illegible]	45.5	48.4	49.8	50.5	50.5	50.5	50.5	50.9	50.9	50.[illegible]	50.9	50.9	51.6	51.6	52.3
≥ 4000	16.4	46.6	49.1	50.2	51.3	51.3	51.3	51.3	51.6	51.6	51.6	51.6	51.6	52.3	52.3	53.[illegible]
≥ 3500	16.4	47.0	49.5	50.5	52.0	52.0	52.0	52.0	52.3	52.3	52.3	52.3	52.3	53.0	53.0	53.7
≥ 3000	16.7	48.0	50.9	53.0	54.5	54.5	54.5	54.5	54.8	54.8	54.8	54.8	54.8	55.5	55.5	56.[illegible]
≥ 2500	17.1	50.9	54.1	56.2	57.7	57.7	57.7	57.7	58.[illegible]	58.0	58.0	58.0	58.0	58.7	58.7	59.4
≥ 2000	17.[illegible]	52.0	55.2	59.1	60.5	60.5	60.5	60.5	60.9	60.9	60.9	60.9	60.9	61.6	61.6	62.3
≥ 1800	17.4	52.3	56.6	59.4	60.9	61.2	61.2	61.2	61.6	61.6	61.6	61.6	61.6	62.3	62.3	63.0
≥ 1500	17.4	55.5	60.3	64.4	66.2	66.6	66.6	66.6	66.9	66.9	66.9	66.9	66.9	67.6	67.6	68.3
≥ 1200	17.4	56.2	62.3	66.9	69.[illegible]	69.4	69.4	69.4	69.8	69.8	69.8	69.8	69.8	70.5	70.5	71.2
≥ 1000	17.8	59.4	65.5	70.1	72.2	73.3	73.3	73.3	73.7	73.7	73.7	73.7	73.7	74.4	74.4	75.1
≥ 900	17.8	60.1	66.9	71.5	73.7	74.4	74.7	74.7	75.1	75.4	75.4	75.4	75.4	76.2	76.2	76.9
≥ 800	17.8	60.9	68.3	73.3	76.2	76.9	77.2	77.2	77.6	77.9	77.9	77.9	77.9	78.7	78.7	79.4
≥ 700	17.8	61.6	69.0	74.0	76.9	77.6	77.9	77.9	78.3	78.7	78.7	78.7	78.7	79.4	79.4	8[illegible].1
≥ 600	17.8	61.9	69.8	76.2	79.4	80.1	80.8	80.8	81.1	81.9	81.9	81.9	81.9	82.6	82.6	83.3
≥ 500	17.8	62.6	70.5	77.9	81.1	82.6	84.0	84.7	85.1	86.1	86.1	86.1	86.1	86.8	86.8	87.5
≥ 400	17.8	63.[illegible]	70.8	78.7	82.[illegible]	84.0	85.4	86.5	86.8	89.0	89.0	89.0	89.0	89.7	89.7	90.[illegible]
≥ 300	17.8	63.[illegible]	70.8	78.7	82.2	84.3	85.8	88.6	89.3	91.5	92.2	92.2	92.8	93.2	93.2	94.[illegible]
≥ 200	17.8	63.4	71.2	79.[illegible]	82.6	84.7	86.8	90.0	90.8	93.6	94.3	94.3	95.4	96.1	96.8	97.5
≥ 100	17.8	63.4	71.2	79.[illegible]	82.6	84.7	86.8	90.0	90.8	93.6	94.7	94.7	96.1	97.2	98.2	99.6
≥ 0	17.8	63.4	71.2	79.[illegible]	82.6	84.7	86.8	90.0	90.8	93.6	94.7	94.7	96.1	97.2	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

1[illegible]-72 (STATION) | KINGSVILLE, TX (STATION NAME) | 72-82 (YEARS) | FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

17 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	13.4	36.2	36.5	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 20000	21.3	41.3	42.2	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 18000	21.3	41.4	42.2	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 16000	21.3	41.4	42.2	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 14000	21.3	42.3	43.3	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 12000	21.4	44.3	44.7	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 10000	22.3	46.1	46.5	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 9000	22.3	46.1	46.5	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 8000	23.1	47.9	48.2	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 7000	23.1	48.6	49.3	50.0	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 6000	23.1	48.9	49.7	50.4	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 5000	23.8	51.1	51.8	52.5	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 4500	23.4	51.1	51.8	52.5	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 4000	23.4	51.8	52.5	53.2	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 3500	25.2	55.0	55.7	56.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 3000	25.5	57.8	58.4	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 2500	27.7	65.3	66.7	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 2000	28.7	69.9	72.0	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 1800	29.1	71.3	74.1	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 1500	29.4	76.2	79.4	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1200	29.4	75.4	81.0	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1000	28.4	79.1	82.6	85.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 900	29.4	79.1	83.0	85.8	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 800	28.9	79.8	84.0	87.9	89.7	89.7	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 700	29.4	80.1	84.8	88.7	90.4	90.4	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 600	29.4	80.5	85.5	89.4	91.1	91.1	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 500	29.9	80.5	85.5	89.4	91.1	91.5	91.8	92.2	92.2	92.6	92.9	92.9	92.9	92.9	92.9	92.9
≥ 400	29.4	80.9	85.8	90.4	92.2	92.6	93.6	94.3	94.3	94.7	95.0	95.0	95.0	95.0	95.0	95.3
≥ 300	28.9	80.9	85.8	90.8	92.6	93.3	94.3	95.1	95.1	95.8	96.2	96.2	96.2	96.2	96.2	96.2
≥ 200	28.4	80.9	86.2	91.1	92.9	94.0	95.0	95.8	95.8	97.5	99.3	99.7	99.7	100.0	100.0	100.0
≥ 100	28.9	80.9	86.2	91.1	92.9	94.0	95.0	95.8	95.8	97.5	99.3	99.7	99.7	100.0	100.0	100.0
≥ 0	28.4	80.9	86.2	91.1	92.9	94.0	95.0	95.8	95.8	97.5	99.3	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 282

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION [illegible] STATION NAME ASHEVILLE, NC YEARS 73-82 MONTH [illegible]

HOURS (L S T) [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	93.6	94.[illegible]	94.[illegible]	94.[illegible]	94.0	94.0	94.0	94.[illegible]	94.0	94.0	94.0	94.0	94.0	94.	94.
≥ 20000	[illegible]	51.8	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	[illegible]
≥ 18000	[illegible]	51.8	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	[illegible]
≥ 16000	[illegible]	51.[illegible]	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	[illegible]
≥ 14000	[illegible]	52.[illegible]	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	[illegible]
≥ 12000	[illegible]	54.[illegible]	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	[illegible]
≥ 10000	[illegible]	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	[illegible]
≥ 9000	[illegible]	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	[illegible]
≥ 8000	[illegible]	59.9	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	[illegible]
≥ 7000	[illegible]	61.[illegible]	62.1	62.1	62.1	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	[illegible]
≥ 6000	[illegible]	62.1	62.8	62.8	62.8	63.1	63.1	63.1	[illegible]3.1	63.1	63.1	63.1	63.1	63.1	63.1	[illegible]
≥ 5000	[illegible]	63.[illegible]	64.5	64.5	64.5	64.9	64.9	64.9	64.9	64.9	[illegible].9	64.9	64.9	64.9	64.9	[illegible]
≥ 4500	[illegible].0	64.5	65.6	65.6	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	[illegible]
≥ 4000	[illegible].7	66.7	67.7	68.1	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	[illegible]
≥ 3500	[illegible].1	69.9	70.9	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	[illegible]
≥ 3000	[illegible]	[illegible].5	75.9	76.2	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	[illegible]
≥ 2500	[illegible]	78.4	79.8	[illegible]0.1	80.1	[illegible]0.5	80.5	80.5	80.5	[illegible].5	[illegible]0.5	[illegible]0.5	[illegible]0.5	[illegible]0.5	[illegible]0.5	[illegible]
≥ 2000	[illegible]	80.9	82.6	83.0	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	[illegible]
≥ 1800	[illegible]	82.6	84.3	84.7	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	[illegible]
≥ 1500	[illegible]	83.[illegible]	85.5	86.2	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	[illegible]
≥ 1200	[illegible]	84.0	87.9	89.0	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	[illegible]
≥ 1000	[illegible]	84.8	88.7	90.1	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	[illegible]
≥ 900	[illegible]	84.8	89.0	90.4	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	[illegible]
≥ 800	[illegible]	85.1	89.7	91.5	91.5	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	[illegible]
≥ 700	[illegible]	85.5	90.4	92.6	92.6	93.3	93.3	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.6	[illegible]
≥ 600	[illegible]	85.5	90.4	92.9	92.9	93.6	93.6	93.6	93.6	94.3	94.3	94.3	94.3	94.3	94.3	[illegible]
≥ 500	[illegible]	86.5	91.5	94.0	94.3	95.0	95.4	95.4	95.4	96.1	96.1	96.1	96.1	96.1	96.1	[illegible]
≥ 400	[illegible]	86.5	91.5	94.3	94.7	95.4	95.7	96.1	96.4	97.5	97.5	97.5	97.5	97.5	97.5	[illegible]
≥ 300	[illegible]	86.9	91.8	94.7	95.0	96.1	96.5	97.2	97.9	99.3	99.3	99.3	99.3	99.3	99.3	[illegible]
≥ 200	[illegible]	86.9	91.8	94.7	95.[illegible]	96.1	96.5	97.2	98.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 100	[illegible]	86.9	91.8	94.7	95.[illegible]	96.1	96.5	97.2	98.2	99.7	99.7	99.7	[illegible]0.0	100.0	100.0	100.0
≥ 0	[illegible]	86.9	91.8	94.7	95.0	96.1	96.5	97.2	98.2	99.7	99.7	99.7	[illegible]0.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		87.9	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 20000		59.2	59.2	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 18000		59.6	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 16000		59.6	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 14000		62.6	62.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 12000		62.1	62.1	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 10000		64.9	64.9	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 9000		66.0	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 8000		69.4	69.4	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 7000		69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 6000		71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 5000		73.1	73.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 4500		74.1	74.8	76.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 4000		75.2	75.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3500		77.2	77.7	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 3000		77.8	78.4	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 2500		78.7	79.6	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 2000		79.8	81.2	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1800		81.4	83.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 1500		84.1	85.5	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1200		86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1000		88.9	89.2	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 900		89.7	89.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 800		89.9	90.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 700		91.0	91.6	93.3	93.3	93.3	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 600		91.3	93.6	94.0	94.3	94.7	95.	95.2	95.2	95.2	95.2	95.2	95.2	95.	95.	95.
≥ 500		92.2	94.0	94.3	94.7	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 400		92.6	95.0	95.4	95.7	96.1	96.5	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 300		92.9	95.4	95.7	96.5	97.2	97.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200		92.9	95.4	95.7	96.5	97.2	97.9	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100		92.9	95.4	95.7	96.5	97.2	97.9	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		92.9	95.4	95.7	96.5	97.2	97.9	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 262

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

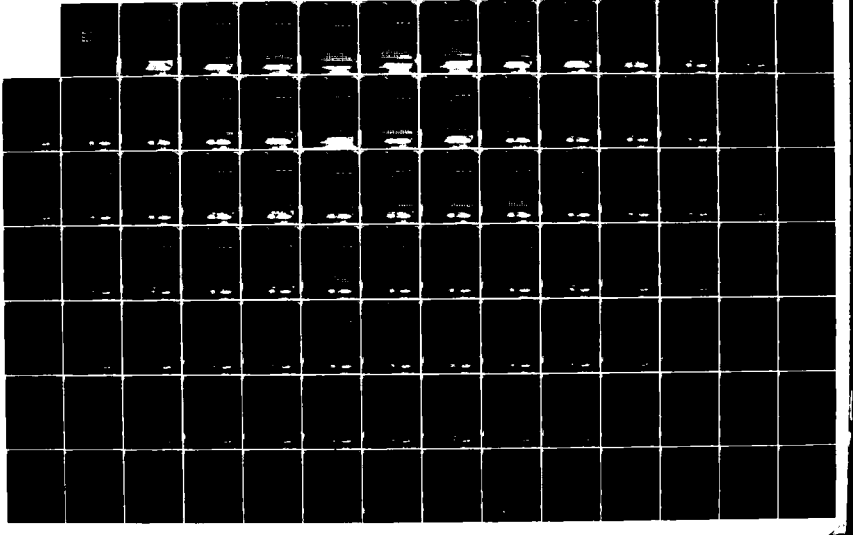
CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

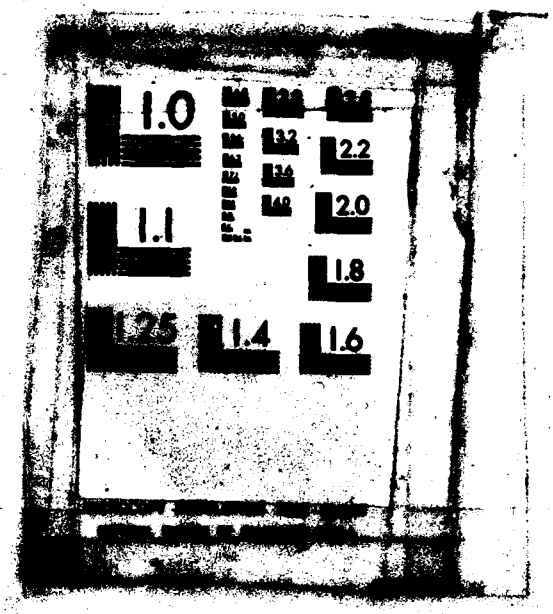
TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

AD-A150 192 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 3/4
KINGSVILLE TEXAS(U) NAVAL OCEANOGRAPHY COMMAND
DETACHMENT ASHEVILLE NC SEP 84

UNCLASSIFIED F/G 4/2 NL




1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] KINGSVILLE, TX 73-82 MAR

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

00 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0/16	< ¼	0
NO CEILING	25.2	38.4	39.7	40.7	41.0	41.0	41.0	41.0	41.0	41.0	41.3	41.3	41.3	41.3	41.3	41.3
≥ 20000	29.4	44.8	46.1	47.1	47.4	47.4	47.4	47.4	47.4	47.4	47.7	47.7	47.7	47.7	47.7	47.7
≥ 18000	29.4	44.8	46.1	47.1	47.4	47.4	47.4	47.4	47.4	47.4	47.7	47.7	47.7	47.7	47.7	47.7
≥ 16000	29.4	44.8	46.1	47.1	47.4	47.4	47.4	47.4	47.4	47.4	47.7	47.7	47.7	47.7	47.7	47.7
≥ 14000	29.4	44.8	46.1	47.1	47.4	47.4	47.4	47.4	47.4	47.4	47.7	47.7	47.7	47.7	47.7	47.7
≥ 12000	30.3	46.1	47.4	48.4	48.7	48.7	48.7	48.7	48.7	48.7	49.0	49.0	49.0	49.0	49.0	49.0
≥ 10000	31.0	47.4	49.0	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.7	50.7	50.7	50.7	50.7	50.7
≥ 9000	31.0	47.4	49.0	50.0	50.3	50.3	50.3	50.3	50.3	50.4	50.7	50.7	50.7	50.7	50.7	50.7
≥ 8000	31.0	47.7	49.4	50.3	50.7	50.7	50.7	50.7	50.7	50.7	51.0	51.0	51.0	51.0	51.0	51.0
≥ 7000	31.3	48.7	50.3	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.9	51.9	51.9	51.9	51.9	51.9
≥ 6000	31.3	49.0	50.7	51.6	51.9	51.9	51.9	51.9	51.9	51.9	52.3	52.3	52.3	52.3	52.3	52.3
≥ 5000	31.9	50.3	51.9	52.9	53.2	53.2	53.2	53.2	53.2	53.2	53.6	53.6	53.6	53.6	53.6	53.6
≥ 4500	32.3	50.9	52.3	53.2	53.6	53.6	53.6	53.6	53.6	53.6	53.9	53.9	53.9	53.9	53.9	53.9
≥ 4000	32.3	51.6	53.2	54.2	54.5	54.5	54.5	54.5	54.5	54.5	54.8	54.8	54.8	54.8	54.8	54.8
≥ 3500	32.6	53.2	54.8	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.5	56.5	56.5	56.5	56.5	56.5
≥ 3000	32.6	53.9	55.5	56.5	56.8	56.8	56.8	56.8	56.8	56.8	57.1	57.1	57.1	57.1	57.1	57.1
≥ 2500	32.9	55.2	56.8	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.4	58.4	58.4	58.4	58.4	58.4
≥ 2000	33.6	57.7	59.7	60.7	61.0	61.0	61.0	61.0	61.0	61.0	61.3	61.3	61.3	61.3	61.3	61.3
≥ 1800	33.6	59.0	61.1	62.3	62.6	62.6	62.9	62.9	62.9	62.9	63.2	63.2	63.2	63.2	63.2	63.2
≥ 1500	34.2	63.2	65.6	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.4	67.4	67.4	67.4	67.4	67.4
≥ 1200	34.5	67.1	69.7	70.7	71.0	71.0	71.3	71.3	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6
≥ 1000	35.5	73.4	76.2	77.2	77.5	77.5	77.8	77.8	77.8	77.8	78.1	78.1	78.1	78.1	78.1	78.1
≥ 900	35.8	73.7	76.5	77.5	77.8	77.8	78.1	78.1	78.1	78.1	78.4	78.4	78.4	78.4	78.4	78.4
≥ 800	35.8	74.3	77.2	78.2	78.5	78.5	78.8	78.8	78.8	78.8	79.1	79.1	79.1	79.1	79.1	79.1
≥ 700	35.8	76.1	80.3	81.3	81.6	81.6	81.9	82.2	82.2	82.2	82.6	82.6	82.6	82.6	82.6	82.6
≥ 600	36.1	79.3	83.6	84.6	84.9	84.9	85.2	85.5	85.5	85.5	85.8	85.8	85.8	85.8	85.8	85.8
≥ 500	36.1	81.9	86.8	88.2	88.5	88.5	88.8	89.1	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4
≥ 400	36.1	83.6	88.7	91.0	91.3	91.3	91.6	91.9	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2
≥ 300	36.1	83.9	89.0	91.3	91.6	91.6	91.9	92.2	92.2	92.2	92.5	92.5	92.5	92.5	92.5	92.5
≥ 200	36.1	84.2	89.3	91.6	91.9	91.9	92.2	92.5	92.5	92.5	92.8	92.8	92.8	92.8	92.8	92.8
≥ 100	36.1	84.2	89.3	92.2	92.5	92.5	92.8	93.1	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4
0	36.1	84.2	89.3	92.2	92.5	92.5	92.8	93.1	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET 5MO8



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

13726 | KINGSVILLE, TX | 73-82 | MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

03

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	< ¼	0
NO CEILING	22.1	32.2	34.2	35.6	35.8	36.0	36.0	36.1	36.1	36.1	37.1	37.1	37.1	38.1	38.1	38.1
≥ 20000	24.6	35.6	37.7	39.0	39.4	39.6	39.6	39.7	39.7	39.7	40.7	40.7	40.7	41.8	41.8	41.8
≥ 18000	24.6	35.6	37.7	39.0	39.4	39.6	39.6	39.7	39.7	39.7	40.7	40.7	40.7	41.8	41.8	41.8
≥ 16000	24.6	35.6	37.7	39.0	39.4	39.6	39.6	39.7	39.7	39.7	40.7	40.7	40.7	41.8	41.8	41.8
≥ 14000	24.7	35.8	37.9	39.2	39.6	39.8	39.8	39.9	39.9	39.9	40.9	40.9	40.9	41.8	41.8	41.8
≥ 12000	25.2	37.1	39.3	40.7	41.1	41.3	41.3	41.4	41.4	41.4	42.4	42.4	42.4	43.5	43.5	43.5
≥ 10000	25.8	38.2	40.4	41.8	42.2	42.4	42.4	42.5	42.5	42.5	43.5	43.5	43.5	44.6	44.6	44.6
≥ 9000	25.8	38.2	40.4	41.8	42.2	42.4	42.4	42.5	42.5	42.5	43.5	43.5	43.5	44.6	44.6	44.6
≥ 8000	26.1	39.0	41.3	42.7	43.1	43.3	43.3	43.4	43.4	43.4	44.4	44.4	44.4	45.5	45.5	45.5
≥ 7000	26.5	40.1	42.4	43.8	44.2	44.4	44.4	44.5	44.5	44.5	45.5	45.5	45.5	46.6	46.6	46.6
≥ 6000	26.5	41.3	43.6	45.0	45.4	45.6	45.6	45.7	45.7	45.7	46.8	46.8	46.8	48.0	48.0	48.0
≥ 5000	27.1	42.6	45.0	46.4	46.8	47.0	47.0	47.1	47.1	47.1	48.2	48.2	48.2	49.4	49.4	49.4
≥ 4500	27.4	43.2	45.6	47.1	47.5	47.7	47.7	47.8	47.8	47.8	48.9	48.9	48.9	50.1	50.1	50.1
≥ 4000	27.4	43.2	45.6	47.1	47.5	47.7	47.7	47.8	47.8	47.8	48.9	48.9	48.9	50.1	50.1	50.1
≥ 3500	29.0	46.0	48.5	50.0	50.4	50.6	50.6	50.7	50.7	50.7	51.8	51.8	51.8	53.0	53.0	53.0
≥ 3000	29.0	46.2	48.7	50.2	50.6	50.8	50.8	50.9	50.9	50.9	52.0	52.0	52.0	53.2	53.2	53.2
≥ 2500	29.4	47.1	49.6	51.1	51.5	51.7	51.7	51.8	51.8	51.8	52.9	52.9	52.9	54.1	54.1	54.1
≥ 2000	30.0	48.2	50.7	52.2	52.6	52.8	52.8	52.9	52.9	52.9	54.0	54.0	54.0	55.2	55.2	55.2
≥ 1800	30.0	48.2	50.7	52.2	52.6	52.8	52.8	52.9	52.9	52.9	54.0	54.0	54.0	55.2	55.2	55.2
≥ 1600	30.0	48.2	50.7	52.2	52.6	52.8	52.8	52.9	52.9	52.9	54.0	54.0	54.0	55.2	55.2	55.2
≥ 1400	30.0	48.2	50.7	52.2	52.6	52.8	52.8	52.9	52.9	52.9	54.0	54.0	54.0	55.2	55.2	55.2
≥ 1200	30.0	48.2	50.7	52.2	52.6	52.8	52.8	52.9	52.9	52.9	54.0	54.0	54.0	55.2	55.2	55.2
≥ 1000	30.0	48.2	50.7	52.2	52.6	52.8	52.8	52.9	52.9	52.9	54.0	54.0	54.0	55.2	55.2	55.2
≥ 900	30.0	48.2	50.7	52.2	52.6	52.8	52.8	52.9	52.9	52.9	54.0	54.0	54.0	55.2	55.2	55.2
≥ 800	30.0	48.2	50.7	52.2	52.6	52.8	52.8	52.9	52.9	52.9	54.0	54.0	54.0	55.2	55.2	55.2
≥ 700	30.0	48.2	50.7	52.2	52.6	52.8	52.8	52.9	52.9	52.9	54.0	54.0	54.0	55.2	55.2	55.2
≥ 600	30.0	48.2	50.7	52.2	52.6	52.8	52.8	52.9	52.9	52.9	54.0	54.0	54.0	55.2	55.2	55.2
≥ 500	30.0	48.2	50.7	52.2	52.6	52.8	52.8	52.9	52.9	52.9	54.0	54.0	54.0	55.2	55.2	55.2
≥ 400	30.0	48.2	50.7	52.2	52.6	52.8	52.8	52.9	52.9	52.9	54.0	54.0	54.0	55.2	55.2	55.2
≥ 300	30.0	48.2	50.7	52.2	52.6	52.8	52.8	52.9	52.9	52.9	54.0	54.0	54.0	55.2	55.2	55.2
≥ 200	30.0	48.2	50.7	52.2	52.6	52.8	52.8	52.9	52.9	52.9	54.0	54.0	54.0	55.2	55.2	55.2
≥ 100	30.0	48.2	50.7	52.2	52.6	52.8	52.8	52.9	52.9	52.9	54.0	54.0	54.0	55.2	55.2	55.2
0	30.0	48.2	50.7	52.2	52.6	52.8	52.8	52.9	52.9	52.9	54.0	54.0	54.0	55.2	55.2	55.2

DIFMAVOCSAMMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

12918 KINGSVILLE, TX 73-82 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

24 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0		
NO CEILING	19.1	30.8	37.4	39.8	39.9	39.9	39.8	39.8	39.8	39.7	39.7	39.7	31.3	31.3	31.6	33.4
≥ 20000	21.4	31.4	37.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	31.3	31.3	31.6	33.4
≥ 15000	21.4	31.4	37.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	31.3	31.3	31.6	33.4
≥ 12000	21.4	31.4	37.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	31.3	31.3	31.6	33.4
≥ 10000	21.4	31.4	37.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	31.3	31.3	31.6	33.4
≥ 9000	21.4	31.4	37.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	31.3	31.3	31.6	33.4
≥ 8000	21.4	31.4	37.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	31.3	31.3	31.6	33.4
≥ 7000	21.4	31.4	37.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	31.3	31.3	31.6	33.4
≥ 6000	21.4	31.4	37.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	31.3	31.3	31.6	33.4
≥ 5000	21.4	31.4	37.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	31.3	31.3	31.6	33.4
≥ 4500	21.4	31.4	37.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	31.3	31.3	31.6	33.4
≥ 4000	21.4	31.4	37.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	31.3	31.3	31.6	33.4
≥ 3500	21.4	31.4	37.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	31.3	31.3	31.6	33.4
≥ 3000	21.4	31.4	37.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	31.3	31.3	31.6	33.4
≥ 2500	21.4	31.4	37.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	31.3	31.3	31.6	33.4
≥ 2000	21.4	31.4	37.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	31.3	31.3	31.6	33.4
≥ 1800	21.4	31.4	37.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	31.3	31.3	31.6	33.4
≥ 1600	21.4	31.4	37.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	31.3	31.3	31.6	33.4
≥ 1400	21.4	31.4	37.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	31.3	31.3	31.6	33.4
≥ 1200	21.4	31.4	37.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	31.3	31.3	31.6	33.4
≥ 1000	21.4	31.4	37.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	31.3	31.3	31.6	33.4
≥ 900	21.4	31.4	37.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	31.3	31.3	31.6	33.4
≥ 800	21.4	31.4	37.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	31.3	31.3	31.6	33.4
≥ 700	21.4	31.4	37.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	31.3	31.3	31.6	33.4
≥ 600	21.4	31.4	37.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	31.3	31.3	31.6	33.4
≥ 500	21.4	31.4	37.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	31.3	31.3	31.6	33.4
< 500	21.4	31.4	37.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	31.3	31.3	31.6	33.4

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

13728 | ASHEVILLE, NC | 73-82 | NAP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥0	≥0
NO CEILING	11.2	20.2	24.0	26.6	28.1	28.6	29.0	29.2	29.6	29.8	29.8	29.8	29.8	29.8	29.8	29.8
≥ 20000	13.6	31.8	33.8	35.6	37.1	37.6	38.0	38.2	38.6	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 18000	13.6	31.8	33.8	35.6	37.1	37.6	38.0	38.2	38.6	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 16000	13.6	31.8	33.8	35.6	37.1	37.6	38.0	38.2	38.6	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 14000	13.6	31.8	33.8	35.6	37.1	37.6	38.0	38.2	38.6	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 12000	13.6	31.8	33.8	35.6	37.1	37.6	38.0	38.2	38.6	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 10000	13.6	31.8	33.8	35.6	37.1	37.6	38.0	38.2	38.6	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 9000	14.1	32.3	34.3	36.1	37.6	38.1	38.5	38.7	39.1	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 8000	15.1	33.3	35.3	37.1	38.6	39.1	39.5	39.7	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 7000	15.1	33.3	35.3	37.1	38.6	39.1	39.5	39.7	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 6000	15.1	33.3	35.3	37.1	38.6	39.1	39.5	39.7	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 5000	15.1	33.3	35.3	37.1	38.6	39.1	39.5	39.7	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 4000	15.1	33.3	35.3	37.1	38.6	39.1	39.5	39.7	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 3500	15.1	33.3	35.3	37.1	38.6	39.1	39.5	39.7	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 3000	15.1	33.3	35.3	37.1	38.6	39.1	39.5	39.7	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 2500	15.1	33.3	35.3	37.1	38.6	39.1	39.5	39.7	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 2000	15.1	33.3	35.3	37.1	38.6	39.1	39.5	39.7	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 1800	15.1	33.3	35.3	37.1	38.6	39.1	39.5	39.7	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 1600	15.1	33.3	35.3	37.1	38.6	39.1	39.5	39.7	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 1400	15.1	33.3	35.3	37.1	38.6	39.1	39.5	39.7	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 1200	15.1	33.3	35.3	37.1	38.6	39.1	39.5	39.7	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 1000	15.1	33.3	35.3	37.1	38.6	39.1	39.5	39.7	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 900	15.1	33.3	35.3	37.1	38.6	39.1	39.5	39.7	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 800	15.1	33.3	35.3	37.1	38.6	39.1	39.5	39.7	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 700	15.1	33.3	35.3	37.1	38.6	39.1	39.5	39.7	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 600	15.1	33.3	35.3	37.1	38.6	39.1	39.5	39.7	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 500	15.1	33.3	35.3	37.1	38.6	39.1	39.5	39.7	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 400	15.1	33.3	35.3	37.1	38.6	39.1	39.5	39.7	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 300	15.1	33.3	35.3	37.1	38.6	39.1	39.5	39.7	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 200	15.1	33.3	35.3	37.1	38.6	39.1	39.5	39.7	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 100	15.1	33.3	35.3	37.1	38.6	39.1	39.5	39.7	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 0	15.1	33.3	35.3	37.1	38.6	39.1	39.5	39.7	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

12978 (STATION) HINESVILLE, TX (STATION NAME) 72-82 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	0
NO CEILING	19.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
≥ 20000	21.5	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
< 20000 ≥ 10000	21.5	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
< 10000 ≥ 6000	22.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
< 6000 ≥ 5000	23.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
< 5000 ≥ 4000	24.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
< 4000 ≥ 3000	24.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
< 3000 ≥ 2500	24.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
< 2500 ≥ 2000	24.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	50.0	50.0	50.0	50.0	50.0	50.0
< 2000 ≥ 1500	26.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
< 1500 ≥ 1000	26.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
< 1000 ≥ 500	27.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	74.0	74.0	74.0	74.0	74.0	74.0
< 500 ≥ 400	27.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	74.0	74.0	74.0	74.0	74.0	74.0
< 400 ≥ 300	27.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	74.0	74.0	74.0	74.0	74.0	74.0
< 300 ≥ 200	27.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	74.0	74.0	74.0	74.0	74.0	74.0
< 200 ≥ 100	27.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	74.0	74.0	74.0	74.0	74.0	74.0
< 100	27.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	74.0	74.0	74.0	74.0	74.0	74.0



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

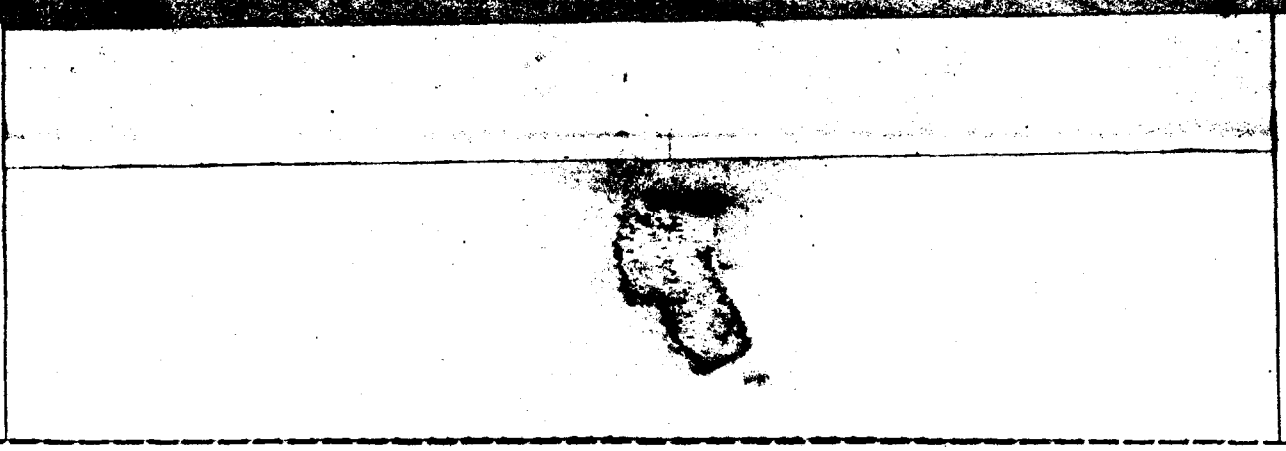
CEILING VERSUS VISIBILITY

12928 (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) MAR (MONTH)

13 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	9	8	7	6	5½	5	4½	4	3½	3	2½	2	1½	1¼	1	0
NO CEILING	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 20000	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 15000	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 12000	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 10000	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 9000	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 8000	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 7000	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 6000	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 5000	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 4500	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 4000	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 3500	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 3000	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 2500	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 2000	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 1800	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 1600	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 1400	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 1200	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 1000	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 900	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 800	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 700	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 600	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 500	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 400	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 300	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 200	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 100	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
< 100	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

12928 | HINESVILLE, TX | 73-82 | MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

18

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¼	≥1	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	17.5	60.6	61.1	61.2	61.3	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 20000	20.2	58.6	59.0	59.2	59.3	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 18000	20.2	59.2	60.2	60.6	60.8	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 16000	20.4	59.4	60.4	60.8	61.0	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 14000	20.6	59.6	61.2	61.6	61.8	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 12000	21.2	61.2	62.8	63.2	63.4	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 10000	25.9	63.9	65.7	66.1	66.3	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 9000	26.2	64.2	66.0	66.4	66.6	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 8000	26.5	67.3	68.9	69.3	69.5	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 7000	27.3	69.3	70.9	71.3	71.5	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 6000	27.5	69.9	71.5	71.9	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 5000	27.6	70.0	71.6	72.0	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 4500	27.6	70.9	72.6	73.0	73.2	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 4000	28.2	71.6	73.3	73.7	73.9	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 3500	29.2	73.6	74.6	75.1	75.3	75.4	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 3000	29.3	74.1	75.1	75.6	75.8	75.9	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 2500	29.4	76.4	78.0	78.6	78.8	78.9	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 2000	29.5	76.6	78.2	78.8	79.0	79.1	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1800	29.5	79.0	80.7	81.3	81.5	81.6	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1600	29.6	80.1	81.8	82.4	82.6	82.7	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 1400	29.6	80.3	82.0	82.6	82.8	82.9	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1200	29.6	80.5	82.2	82.8	83.0	83.1	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 1000	29.6	80.7	82.4	83.0	83.2	83.3	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 900	29.6	80.8	82.5	83.1	83.3	83.4	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 800	29.6	80.9	82.6	83.2	83.4	83.5	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 700	29.6	81.0	82.7	83.3	83.5	83.6	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 600	29.6	81.1	82.8	83.4	83.6	83.7	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 500	29.6	81.2	82.9	83.5	83.7	83.8	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 400	29.6	81.3	83.0	83.6	83.8	83.9	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 300	29.6	81.4	83.1	83.7	83.9	84.0	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 200	29.6	81.5	83.2	83.8	84.0	84.1	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 100	29.6	81.6	83.3	83.9	84.1	84.2	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
0	29.6	81.6	83.3	83.9	84.1	84.2	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5

[illegible] hours of observation [illegible]

[illegible]



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

12926 (STATION) | ASHEVILLE, NC (STATION NAME) | 73-82 (YEARS) | MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21 (HOUR (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	26.9	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 20000	30.7	51.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 10000	30.7	51.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 14000	30.7	51.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 14000	30.7	51.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 12000	31.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 10000	32.3	55.5	56.1	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 9000	32.4	56.1	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 8000	33.2	57.1	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 7000	33.4	58.4	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 6000	34.2	60.6	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 5000	34.2	61.2	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 4500	34.8	61.9	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 4000	34.8	62.7	63.4	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 3500	35.8	64.8	65.6	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 3000	35.8	65.6	66.4	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 2500	35.8	67.1	67.9	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 2000	35.8	68.7	69.6	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 1800	36.5	69.7	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	72.0	71.0
≥ 1500	36.5	71.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	73.2	73.2
≥ 1200	36.5	73.2	74.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	78.2	75.2
≥ 1000	37.6	74.8	75.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	79.4	79.4
≥ 900	37.6	74.8	75.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	79.4	79.4
≥ 800	37.6	75.1	76.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	79.7	79.7
≥ 700	37.6	75.1	76.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	79.7	79.7
≥ 600	37.6	75.1	76.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	79.7	79.7
≥ 500	37.6	75.1	76.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	79.7	79.7
≥ 400	37.6	75.1	76.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	79.7	79.7
≥ 300	37.6	75.1	76.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	79.7	79.7
≥ 200	37.6	75.1	76.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	79.7	79.7
≥ 100	37.6	75.1	76.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	79.7	79.7
0	37.6	75.1	76.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	79.7	79.7

Total number of observations: 744

DIRNAVOCEANMET 3145/3



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

1?28 (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) MAR (MONTH)

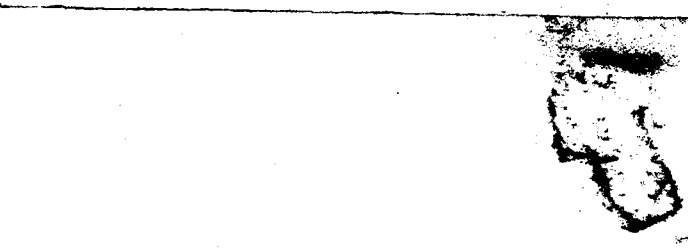
ALL (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING	30.1	34.9	35.5	36.1	36.3	36.4	36.5	36.5	36.6	36.6	36.8	36.8	36.8	37.0	37.0	37.0
≥ 20000	23.8	43.7	44.8	45.0	45.2	45.3	45.4	45.4	45.5	45.5	45.7	45.7	45.7	45.9	45.9	46.1
≥ 18000	23.9	43.9	44.7	45.3	45.5	45.6	45.7	45.7	45.8	45.8	46.0	46.0	46.1	46.2	46.2	46.4
≥ 16000	23.9	43.9	44.8	45.4	45.6	45.8	45.9	45.9	46.0	46.0	46.1	46.1	46.2	46.3	46.3	46.7
≥ 14000	24.1	44.4	45.2	45.8	46.0	46.0	46.2	46.2	46.2	46.3	46.5	46.5	46.6	46.7	46.7	47.1
≥ 12000	24.7	45.6	46.6	47.0	47.2	47.2	47.4	47.4	47.5	47.5	47.7	47.7	47.8	47.9	47.9	48.3
≥ 10000	25.4	47.1	47.9	48.4	48.8	48.9	49.0	49.0	49.0	49.1	49.3	49.3	49.4	49.5	49.5	49.9
≥ 9000	25.6	47.4	48.2	48.8	49.0	49.1	49.2	49.3	49.3	49.4	49.5	49.6	49.7	49.7	49.8	50.1
≥ 8000	26.9	48.7	49.5	50.2	50.4	50.6	50.6	50.7	50.7	50.8	51.0	51.0	51.1	51.2	51.2	51.6
≥ 7000	26.9	50.0	50.8	51.5	51.7	51.8	51.9	52.0	52.0	52.1	52.2	52.2	52.3	52.4	52.4	52.8
≥ 6000	26.9	50.4	51.4	52.2	52.4	52.4	52.6	52.6	52.6	52.7	52.9	52.9	53.0	53.1	53.1	53.5
≥ 5000	26.9	51.4	52.2	53.1	53.3	53.4	53.5	53.6	53.6	53.7	53.8	53.8	53.9	54.0	54.1	54.4
≥ 4500	26.9	51.8	52.8	53.8	53.9	54.0	54.0	54.0	54.0	54.1	54.3	54.3	54.4	54.5	54.5	54.9
≥ 4000	26.9	52.8	53.8	54.7	54.9	54.9	54.9	54.9	54.9	55.0	55.1	55.1	55.2	55.3	55.3	55.7
≥ 3500	27.4	54.1	55.1	55.8	56.1	56.2	56.2	56.3	56.4	56.5	56.6	56.6	56.6	56.8	56.8	57.2
≥ 3000	27.6	56.5	57.4	58.2	58.5	58.6	58.7	58.8	58.8	58.9	59.0	59.1	59.1	59.2	59.3	59.7
≥ 2500	28.0	58.6	60.1	60.9	61.2	61.3	61.4	61.5	61.5	61.6	61.8	61.8	61.9	62.0	62.0	62.4
≥ 2000	28.5	62.7	64.3	65.2	65.5	65.6	65.8	65.8	65.8	66.0	66.1	66.1	66.2	66.3	66.3	66.7
≥ 1800	28.6	63.6	65.4	66.3	66.6	66.7	67.1	67.1	67.1	67.2	67.4	67.4	67.6	67.6	67.7	68.0
≥ 1500	29.1	67.7	70.1	71.0	71.4	71.5	72.1	72.1	72.2	72.3	72.5	72.5	72.7	72.7	72.7	73.1
≥ 1200	29.5	70.7	73.2	74.4	75.2	75.3	75.9	75.9	75.9	76.0	76.2	76.2	76.4	76.5	76.5	76.9
≥ 1000	29.7	73.5	76.2	77.6	78.4	78.5	79.2	79.2	79.2	79.3	79.5	79.5	79.7	79.8	79.8	80.3
≥ 900	29.8	74.6	77.9	79.3	80.2	80.3	81.0	81.1	81.2	81.3	81.5	81.5	81.6	81.8	81.9	82.2
≥ 800	30.0	76.4	80.1	81.6	82.5	82.7	83.4	83.5	83.6	83.7	83.9	83.9	84.1	84.3	84.3	84.7
≥ 700	30.2	77.7	81.6	83.1	84.0	84.2	85.0	85.0	85.1	85.2	85.4	85.4	85.6	85.8	85.8	86.2
≥ 600	30.3	79.4	83.6	85.1	86.0	86.2	87.0	87.1	87.2	87.3	87.5	87.5	87.7	87.9	88.0	88.3
≥ 500	30.4	80.2	85.0	86.6	87.5	87.7	88.6	88.7	88.8	88.9	89.1	89.1	89.3	89.5	89.6	90.0
≥ 400	30.4	80.7	85.6	87.3	88.2	88.4	89.3	89.4	89.5	89.6	89.8	89.8	90.0	90.2	90.3	90.7
≥ 300	30.4	81.1	86.1	87.8	88.7	88.9	89.8	89.9	90.0	90.1	90.3	90.3	90.5	90.7	90.8	91.2
≥ 200	30.4	81.4	86.4	88.1	89.0	89.2	90.1	90.2	90.3	90.4	90.6	90.6	90.8	91.0	91.1	91.5
≥ 100	30.4	81.6	86.6	88.3	89.2	89.4	90.3	90.4	90.5	90.6	90.8	90.8	91.0	91.2	91.3	91.8
0	30.4	81.6	86.6	88.3	89.2	89.4	90.3	90.4	90.5	90.6	90.8	90.8	91.0	91.2	91.3	91.8

TOTAL NUMBER OF OBSERVATIONS 2232

DIRNAVOCEANMET 3105



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] | KINGSVILLE, TX | 71-82 | APR

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	20.3	38.0	38.0	39.0	40.3	40.3	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	41.0	41.0
≥ 20000	23.7	45.0	46.0	47.3	48.3	48.7	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.3	49.3
≥ 18000	23.7	45.3	46.0	47.3	48.3	48.7	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.3	49.3
≥ 16000	23.7	45.3	46.0	47.3	48.3	48.7	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.3	49.3
≥ 14000	23.7	45.0	46.0	47.3	48.3	48.7	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.3	49.3
≥ 12000	24.0	45.7	46.7	48.0	49.0	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.3	50.3
≥ 10000	24.0	45.7	46.7	48.0	49.0	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.3	50.3
≥ 9000	24.3	46.3	47.3	48.7	49.7	50.0	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	51.0	51.0
≥ 8000	24.7	47.7	48.7	50.0	51.0	51.3	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.3	52.3
≥ 7000	24.7	48.3	49.3	51.0	52.0	52.3	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.3	53.3
≥ 6000	24.7	49.0	50.0	51.7	52.7	53.0	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	54.0	54.0
≥ 5000	25.7	50.7	51.7	53.3	54.3	54.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.7	55.7
≥ 4500	26.0	51.0	52.3	54.0	55.0	55.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.3	56.3
≥ 4000	26.3	52.0	53.3	55.0	56.0	56.3	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.3	57.3
≥ 3500	26.7	53.0	54.3	56.0	57.0	57.3	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.3	58.3
≥ 3000	26.7	53.3	54.7	56.3	57.3	57.7	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.7	58.7
≥ 2500	26.7	54.7	56.0	57.7	58.7	59.0	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	60.0	60.0
≥ 2000	27.3	56.7	58.0	59.7	60.7	61.0	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	62.0	62.0
≥ 1800	27.3	57.7	59.0	60.7	61.7	62.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	63.0	63.0
≥ 1500	29.0	63.3	64.7	66.7	69.7	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	71.0	71.0
≥ 1200	29.3	70.7	72.0	74.0	76.0	76.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.3	76.3
≥ 1000	30.3	73.7	75.7	77.7	78.7	79.0	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	80.0	80.0
≥ 900	30.7	77.3	79.3	81.3	82.3	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.7	83.7
≥ 800	30.7	79.7	82.0	84.3	85.3	85.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.7	86.7
≥ 700	31.0	82.3	84.7	87.3	88.3	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.7	89.7
≥ 600	31.3	83.7	86.3	89.3	90.3	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.7	91.7
≥ 500	31.7	85.3	87.0	92.7	93.7	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	95.0	95.0
≥ 400	31.7	85.7	89.7	93.3	94.7	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	96.0	96.0
≥ 300	31.7	85.7	89.7	93.3	94.7	95.0	95.7	95.7	95.7	95.7	95.7	95.7	96.0	96.0	96.3	96.3
≥ 200	31.7	85.7	89.7	93.3	95.0	95.3	96.0	96.3	96.3	96.3	96.3	96.3	97.7	97.7	98.0	98.3
≥ 100	31.7	85.7	89.7	93.3	95.0	95.3	96.3	97.0	97.0	97.0	97.0	97.0	98.3	98.3	98.7	99.3
0	31.7	85.7	89.7	93.3	95.0	95.3	96.3	97.0	97.0	97.0	97.0	97.0	98.3	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 308

DNMAVOCEANMET 5NOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING	17.3	33.7	34.3	35.3	36.0	36.0	36.3	36.3	36.3	37.0	37.0	37.0	37.0	37.7	37.7	38.7
≥ 20000	17.3	37.3	38.3	39.3	40.0	40.0	40.7	40.7	40.7	41.3	41.3	41.3	41.3	42.0	42.0	43.0
≥ 18000	17.3	37.3	38.3	39.3	40.0	40.0	40.7	40.7	40.7	41.3	41.3	41.3	41.3	42.0	42.0	43.0
≥ 16000	17.3	37.3	38.3	39.3	40.0	40.0	40.7	40.7	40.7	41.3	41.3	41.3	41.3	42.0	42.0	43.0
≥ 14000	17.3	37.3	38.3	39.3	40.0	40.0	40.7	40.7	40.7	41.3	41.3	41.3	41.3	42.0	42.0	43.0
≥ 12000	17.7	38.3	39.3	40.3	41.0	41.0	41.7	41.7	41.7	42.3	42.3	42.3	42.3	43.0	43.0	44.0
≥ 10000	20.3	39.3	40.3	41.3	42.3	42.3	43.0	43.0	43.0	44.0	44.0	44.0	44.0	44.0	44.7	45.7
≥ 9000	20.3	39.3	40.3	41.3	42.3	42.3	43.0	43.0	43.0	44.0	44.0	44.0	44.0	44.0	44.7	45.7
≥ 8000	20.7	40.0	41.3	42.3	43.7	43.7	44.3	44.3	44.3	45.3	45.3	45.3	45.3	46.0	46.7	47.7
≥ 7000	21.0	40.3	42.0	43.0	44.3	44.3	45.0	45.0	45.0	46.0	46.0	46.0	46.0	46.7	47.7	48.7
≥ 6000	21.3	41.0	42.7	43.7	45.0	45.0	45.7	45.7	45.7	46.7	46.7	46.7	46.7	47.3	48.3	49.3
≥ 5000	22.3	41.7	43.3	44.3	45.7	45.7	46.3	46.3	46.3	47.3	47.3	47.3	47.3	48.0	49.0	50.0
≥ 4500	22.3	41.7	43.3	44.7	46.0	46.0	46.7	46.7	46.7	47.7	47.7	47.7	47.7	48.3	49.3	50.3
≥ 4000	22.3	42.7	44.3	45.3	47.3	47.3	48.0	48.0	48.0	49.0	49.0	49.0	49.0	49.7	50.7	51.7
≥ 3500	22.7	43.7	45.3	47.0	48.3	48.3	49.0	49.0	49.0	50.0	50.0	50.0	50.0	50.7	51.7	52.7
≥ 3000	23.0	46.0	46.7	48.3	49.7	49.7	50.3	50.3	50.3	51.3	51.3	51.3	51.3	52.0	53.0	54.0
≥ 2500	23.3	47.3	49.3	51.0	52.3	52.3	53.0	53.0	53.0	54.0	54.0	54.0	54.0	54.7	55.7	56.7
≥ 2000	24.0	50.3	52.7	54.3	55.7	56.7	56.3	56.3	56.3	57.3	57.3	57.3	57.3	58.0	59.0	60.0
≥ 1800	24.0	51.3	53.7	55.3	56.7	56.7	57.3	57.3	57.3	58.3	58.3	58.3	59.3	58.3	59.0	60.0
≥ 1500	24.7	60.0	62.3	64.3	65.7	65.7	66.3	66.3	66.3	67.3	67.3	67.3	67.3	67.3	68.3	69.3
≥ 1200	25.3	69.7	68.3	70.7	72.0	72.0	72.7	72.7	72.7	73.7	73.7	73.7	73.7	73.7	75.0	76.0
≥ 1000	26.0	70.3	73.3	76.0	77.3	77.3	78.0	78.0	78.0	79.0	79.0	79.0	79.0	80.3	81.3	82.3
≥ 900	26.3	72.3	75.3	78.3	79.7	79.7	80.3	80.3	80.3	81.3	81.3	81.3	81.3	82.7	83.7	84.7
≥ 800	26.3	74.7	78.0	81.0	82.3	82.3	83.0	83.0	83.0	84.0	84.0	84.0	84.0	85.3	86.0	87.0
≥ 700	26.3	76.3	79.7	83.0	84.3	84.3	85.0	85.0	85.0	86.0	86.0	86.0	86.0	86.3	88.0	89.0
≥ 600	26.3	78.0	81.3	85.0	86.3	86.3	87.0	87.0	87.0	88.0	88.0	88.0	88.0	88.3	90.0	91.0
≥ 500	26.7	79.3	82.7	86.7	88.3	88.3	89.0	89.0	89.0	90.0	90.0	90.0	90.0	90.3	92.0	93.0
≥ 400	26.7	79.7	83.0	88.0	90.0	90.3	91.0	91.0	91.0	92.3	92.7	92.7	92.7	93.3	94.7	95.7
≥ 300	26.7	79.7	84.0	88.0	90.0	90.3	91.0	91.0	91.0	92.7	93.0	93.0	93.0	93.3	95.0	96.0
≥ 200	26.7	79.7	84.0	88.0	90.0	90.3	91.0	91.3	91.3	93.3	93.7	93.7	93.7	94.0	96.0	97.0
≥ 100	26.7	79.7	84.0	88.0	90.0	90.3	91.0	91.3	91.3	93.7	94.0	94.0	94.7	95.0	97.7	99.0
≥ 0	26.7	79.7	84.0	88.0	90.0	90.3	91.0	91.3	91.3	93.7	94.0	94.0	94.7	95.0	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 308

DIRNAVOCEANMET SMO8

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible].7	19.7	21.3	24.7	25.7	25.7	27.0	27.7	27.7	27.7	28.7	28.7	29.0	29.[illegible]	29.7	[illegible].7
≥ 20000	[illegible].[illegible]	23.7	26.0	30.0	31.3	31.3	32.7	33.3	33.3	33.7	35.0	35.0	35.3	35.3	36.0	37.[illegible]
≥ 18000	[illegible].[illegible]	23.7	26.0	30.0	31.3	31.3	32.7	33.3	33.3	33.7	35.[illegible]	35.0	35.3	35.3	36.0	37.[illegible]
≥ 16000	11.0	23.7	26.[illegible]	30.0	31.3	31.3	32.7	33.3	33.3	33.7	35.[illegible]	35.0	35.3	35.3	36.0	37.[illegible]
≥ 14000	11.0	23.7	26.0	30.0	31.3	31.3	32.7	33.3	33.3	33.7	35.[illegible]	35.0	35.3	35.3	36.0	37.[illegible]
≥ 12000	11.3	24.[illegible]	27.0	31.3	32.7	32.7	34.[illegible]	34.7	34.7	35.[illegible]	36.3	36.3	36.7	36.7	37.3	38.3
≥ 10000	[illegible].7	25.3	27.7	32.3	34.0	34.0	35.3	36.0	36.[illegible]	36.3	37.7	37.7	38.[illegible]	38.0	38.7	39.7
≥ 9000	[illegible].[illegible]	25.3	27.7	32.3	34.3	34.3	35.7	36.3	36.3	36.7	38.[illegible]	38.0	38.3	38.3	39.[illegible]	[illegible].[illegible]
≥ 8000	[illegible].[illegible]	27.0	29.3	34.3	36.3	36.3	37.7	38.3	38.3	38.7	40.[illegible]	40.0	40.3	40.3	41.[illegible]	42.[illegible]
≥ 7000	12.[illegible]	27.7	30.0	35.3	37.3	37.3	39.0	39.7	39.7	40.0	41.3	41.3	41.7	41.7	42.3	43.3
≥ 6000	12.[illegible]	28.0	30.3	35.7	37.7	37.7	39.3	40.0	40.0	40.3	41.7	41.7	42.0	42.0	42.7	43.7
≥ 5000	12.3	28.7	31.[illegible]	36.7	38.7	38.7	40.3	41.0	41.0	41.3	42.7	42.7	43.0	43.0	43.7	44.7
≥ 4500	12.3	28.7	31.[illegible]	36.7	39.0	39.0	40.7	41.3	41.3	41.7	43.0	43.3	43.7	43.7	44.3	45.3
≥ 4000	12.3	29.7	32.0	37.7	40.0	40.0	41.7	42.3	42.3	42.7	44.[illegible]	44.3	44.7	44.7	45.3	46.3
≥ 3500	13.0	31.0	33.3	39.3	41.7	41.7	43.3	44.[illegible]	44.0	44.3	45.7	46.0	46.3	46.3	47.[illegible]	48.[illegible]
≥ 3000	13.7	32.7	36.0	42.0	44.7	44.3	46.0	46.7	46.7	47.[illegible]	48.3	48.7	49.0	49.0	49.7	51.7
≥ 2500	14.3	35.0	38.3	44.7	47.0	47.0	48.7	49.3	49.3	49.7	51.0	51.3	51.7	51.7	52.3	53.3
≥ 2000	17.[illegible]	37.3	40.7	47.0	49.7	49.7	51.3	52.0	52.0	52.3	53.7	54.[illegible]	54.3	54.3	55.0	56.0
≥ 1800	17.[illegible]	38.3	41.7	48.0	50.7	50.7	52.3	53.0	53.0	53.3	54.7	55.0	55.3	55.3	56.[illegible]	57.[illegible]
≥ 1500	18.[illegible]	42.7	46.3	53.0	56.3	56.3	58.3	59.0	59.0	59.3	60.7	61.0	61.3	61.3	62.[illegible]	63.[illegible]
≥ 1200	19.[illegible]	45.0	49.3	56.3	60.0	60.0	62.0	62.7	62.7	63.0	64.3	64.7	65.3	65.3	66.0	67.[illegible]
≥ 1000	19.7	49.[illegible]	54.3	61.7	66.3	66.3	68.3	69.[illegible]	69.0	69.3	70.7	71.0	72.0	72.0	72.7	73.7
≥ 900	19.[illegible]	51.3	56.3	64.0	68.7	69.[illegible]	71.0	71.7	71.7	72.[illegible]	73.3	73.7	74.7	74.7	75.3	76.3
≥ 800	19.[illegible]	54.7	61.0	69.0	74.7	75.3	77.7	78.3	78.3	78.7	80.[illegible]	80.3	81.3	81.3	82.0	83.0
≥ 700	19.[illegible]	56.7	63.3	71.3	77.3	78.0	80.3	81.0	81.0	81.3	82.7	83.[illegible]	84.0	84.0	85.[illegible]	86.0
≥ 600	19.[illegible]	58.3	65.3	73.[illegible]	80.0	80.7	83.0	84.0	84.0	84.3	85.7	86.[illegible]	87.0	87.0	88.[illegible]	89.[illegible]
≥ 500	19.[illegible]	60.3	67.3	76.3	83.3	84.0	86.7	87.7	87.7	88.0	89.3	89.7	90.7	90.7	91.7	93.[illegible]
≥ 400	19.[illegible]	60.7	67.7	76.7	84.0	85.3	88.[illegible]	89.0	89.0	89.3	90.7	91.0	92.0	92.0	93.0	94.3
≥ 300	19.[illegible]	60.7	67.7	76.7	84.3	85.7	88.3	89.3	89.3	90.0	91.3	91.7	92.7	92.7	94.0	95.3
≥ 200	19.0	60.7	67.7	76.7	84.3	85.7	88.3	89.3	89.3	90.3	92.3	92.7	93.7	93.0	95.3	96.7
≥ 100	19.0	60.7	67.7	76.7	84.3	85.7	88.3	89.3	89.3	90.3	92.3	92.7	94.0	94.3	96.0	98.0
0	19.0	60.7	67.7	76.7	84.3	85.7	88.3	89.3	89.3	90.3	92.3	92.7	94.0	94.3	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

1 (STATION) | MILLVILLE, TX (STATION NAME) | 73-82 (YEARS) | APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

09 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	0
NO CEILING	25.8	26.4	26.8	26.8	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 20000	31.4	31.9	32.1	32.1	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
< 20000 ≥ 18000	31.4	31.8	32.1	32.1	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
< 18000 ≥ 16000	31.4	32.1	32.4	32.4	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
< 16000 ≥ 14000	31.8	32.4	32.8	32.8	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
< 14000 ≥ 12000	32.1	32.8	33.1	33.1	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
< 12000 ≥ 10000	33.1	34.5	34.8	34.8	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
< 10000 ≥ 9000	33.8	35.1	35.5	35.5	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
< 9000 ≥ 8000	35.5	36.1	36.8	37.1	37.1	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
< 8000 ≥ 7000	36.1	36.8	37.5	37.8	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
< 7000 ≥ 6000	36.8	37.5	38.1	38.5	38.5	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
< 6000 ≥ 5000	36.5	39.5	40.1	40.5	40.5	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
< 5000 ≥ 4500	38.8	39.8	40.5	40.8	40.8	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
< 4500 ≥ 4000	39.1	40.1	40.8	41.1	41.1	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
< 4000 ≥ 3500	40.8	41.8	42.8	43.1	43.1	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
< 3500 ≥ 3000	43.4	44.8	45.8	46.2	46.2	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
< 3000 ≥ 2500	46.4	47.8	48.8	49.2	49.2	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
< 2500 ≥ 2000	52.8	53.9	55.2	55.5	55.8	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
< 2000 ≥ 1800	54.5	55.9	57.2	57.5	57.5	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
< 1800 ≥ 1500	63.2	65.2	68.2	68.9	68.9	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
< 1500 ≥ 1200	68.6	71.6	74.5	75.3	75.3	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
< 1200 ≥ 1000	71.6	76.6	81.6	82.3	82.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
< 1000 ≥ 900	72.9	77.9	82.9	83.6	83.6	85.0	85.0	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
< 900 ≥ 800	73.6	79.9	85.3	86.3	86.3	87.6	87.6	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
< 800 ≥ 700	74.6	81.9	88.3	90.0	90.0	91.3	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
< 700 ≥ 600	78.6	82.3	88.6	90.3	90.6	92.0	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
< 600 ≥ 500	75.3	82.9	90.0	92.3	93.0	94.7	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
< 500 ≥ 400	75.3	82.9	90.6	93.0	94.0	96.0	96.0	96.3	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3
< 400 ≥ 300	75.3	82.9	90.6	93.0	94.0	96.0	96.0	97.0	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
< 300 ≥ 200	75.3	82.9	90.6	93.0	94.0	96.0	96.0	97.7	98.3	98.7	98.7	98.7	98.7	99.4	99.4	99.4
< 200 ≥ 100	75.3	82.9	90.6	93.0	94.0	96.0	96.0	97.7	98.3	98.7	98.7	99.3	99.3	100.0	100.0	100.0
< 100 0	75.3	82.9	90.6	93.0	94.0	96.0	96.0	97.7	98.3	98.7	98.7	99.3	99.3	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 299

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

1[illegible] | KINGSVILLE, TX | 73-82 | APR

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	15.7	33.3	33.7	33.7	33.7	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
≥ 20000	16.7	39.3	40.0	40.3	40.3	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 18000	16.7	39.3	40.0	40.3	40.3	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 16000	16.7	39.3	40.0	40.3	40.3	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 14000	16.7	39.7	40.3	40.7	40.7	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 12000	17.0	40.3	41.0	41.3	41.3	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 10000	18.3	42.7	43.3	43.7	43.7	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 9000	18.3	42.7	43.3	43.7	43.7	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 8000	19.3	44.3	45.0	45.3	45.3	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 7000	19.7	46.0	46.7	47.0	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 6000	19.7	46.7	47.3	47.7	47.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 5000	19.3	46.3	46.7	46.0	46.0	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 4500	19.7	48.7	49.3	49.7	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 4000	19.7	49.0	49.7	50.3	50.3	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 3500	19.7	49.3	50.0	50.7	50.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 3000	21.0	54.0	54.7	55.7	55.7	56.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 2500	22.0	65.7	66.7	67.7	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 2000	22.3	74.7	76.3	78.0	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 1800	22.3	76.3	77.7	79.3	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 1500	22.3	82.3	85.0	86.7	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1200	23.7	85.3	88.3	90.7	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1000	23.7	88.3	91.7	94.0	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 900	23.0	88.3	91.7	94.3	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 800	23.0	88.7	92.0	95.0	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700	23.0	88.7	92.0	96.0	96.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 600	23.0	89.3	92.7	96.3	97.0	97.7	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500	23.0	89.3	92.7	96.3	97.0	97.7	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400	23.3	89.3	93.0	97.0	97.7	98.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	23.3	89.3	93.0	97.0	97.7	98.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0
≥ 200	23.3	89.3	93.0	97.0	97.7	98.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	[illegible]	[illegible]
≥ 100	23.3	89.3	93.0	97.0	97.7	98.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	[illegible]	[illegible]
≥ 0	23.0	89.3	93.0	97.0	97.7	98.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] KINGSVILLE, TX 73-82 APR

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	19.7	38.0	39.7	39.0	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 20000	19.7	53.3	54.3	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.3
≥ 18000	19.7	54.0	55.0	55.3	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 16000	19.7	54.0	55.0	55.3	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 14000	19.7	54.7	55.7	56.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 12000	20.0	57.0	58.0	58.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 10000	20.3	59.3	60.3	60.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 9000	20.3	60.0	61.0	61.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 8000	20.7	61.0	62.0	62.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 7000	21.0	62.7	63.7	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 6000	21.7	63.3	64.7	65.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 5000	21.0	64.7	66.7	66.3	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 4500	21.3	65.3	66.7	67.0	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 4000	21.3	66.7	68.0	68.3	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 3500	22.0	68.0	69.3	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 3000	23.7	75.3	77.3	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 2500	24.0	80.7	83.3	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 2000	24.3	84.7	87.7	88.3	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1800	24.3	86.0	89.0	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1500	24.3	87.3	91.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1200	24.3	88.3	92.0	93.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1000	24.3	89.3	93.7	94.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 900	24.3	89.7	94.0	95.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800	24.3	90.7	95.3	96.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	24.3	90.7	95.7	96.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	24.3	91.0	96.3	97.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500	24.3	91.0	96.3	97.3	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	24.3	91.0	96.3	97.3	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	24.3	91.0	96.3	97.3	98.3	98.7	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	24.3	91.0	96.3	97.3	98.3	98.7	99.0	99.3	99.3	99.3	99.3	99.3	99.3	[illegible]	[illegible]	[illegible]
≥ 100	24.3	91.3	96.3	97.3	98.3	98.7	99.0	99.3	99.3	99.3	99.3	99.3	99.3	[illegible]	[illegible]	[illegible]
≥ 0	24.3	91.0	96.3	97.3	98.3	98.7	99.0	99.3	99.3	99.3	99.3	99.3	99.3	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET 3MO8



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

3[illegible]6 KINGSVILLE, TX 72-02 APR

(STATION) (STATION NAME) (YEARS) (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

18 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0/16	< ¼	0
NO CEILING	14.7	39.0	39.0	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 20000	14.7	37.0	38.0	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 10000	19.3	59.0	59.0	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 16000	18.3	57.3	5[illegible]	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 14000	18.3	58.0	59.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 12000	18.3	59.7	60.7	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 10000	18.7	63.7	64.7	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 9000	18.7	64.0	65.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 8000	19.3	66.7	66.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 7000	20.7	68.3	69.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 6000	21.3	70.7	71.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 5000	21.3	72.0	73.3	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 4500	21.3	72.3	73.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 4000	22.3	73.7	75.3	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 3500	22.0	74.0	76.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 3000	22.7	76.3	78.0	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 2500	23.0	78.0	81.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 2000	23.3	80.3	83.3	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1800	23.3	80.3	83.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1500	23.3	83.3	87.3	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1200	23.3	85.3	89.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1000	23.3	87.7	91.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 900	23.3	88.3	92.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 800	23.3	88.3	92.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 700	23.3	89.3	93.3	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 600	23.3	90.3	94.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 500	23.3	90.3	94.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 400	23.3	90.3	94.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 300	23.3	90.3	94.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 200	23.3	90.3	94.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 100	23.3	90.3	94.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
0	23.3	90.3	94.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET 5[illegible]



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

12928 (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0/16	≥ ¼	≥ 0
NO CEILING	24.7	45.3	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 20000	27.0	39.3	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 10000	27.7	54.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 14000	27.0	54.3	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 14000	27.0	58.7	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 12000	27.7	58.7	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 10000	28.0	64.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 9000	28.0	64.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 8000	27.0	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 7000	29.3	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 6000	29.7	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 5000	30.3	61.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 4500	30.7	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 4000	30.7	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 3500	31.3	65.0	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 3000	32.0	66.3	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 2500	32.0	67.3	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 2000	32.7	69.7	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 1800	32.7	70.0	70.3	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 1500	33.0	73.7	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 1500	33.7	78.7	79.3	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1000	33.0	83.7	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 900	34.3	86.3	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 800	34.7	87.0	87.3	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 700	34.7	90.3	90.7	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 600	35.0	91.3	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 500	35.0	92.0	92.3	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 400	35.0	92.3	92.7	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 300	35.0	92.3	92.7	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 200	35.0	92.3	92.7	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 100	35.0	92.3	92.7	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
0	35.0	92.3	92.7	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3

DIMAVOSSAMIST 8105



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

12128 | KINGSVILLE, TX | 73-82 | APR

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 4	≥ 3	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	16.1	34.1	34.9	35.8	35.9	36.0	36.3	36.4	36.4	36.5	36.6	36.6	36.6	36.6	36.9	37.1
≥ 20000	16.3	42.6	43.6	44.7	45.1	45.2	45.4	45.4	45.4	45.5	45.6	45.6	45.6	45.6	46.2	46.4
≥ 18000	16.3	42.6	43.6	44.8	45.3	45.4	45.7	45.8	45.8	45.9	46.1	46.1	46.1	46.1	46.3	46.6
≥ 16000	16.3	42.6	43.6	44.9	45.4	45.5	45.8	45.9	45.9	46.0	46.2	46.2	46.2	46.2	46.4	46.7
≥ 14000	16.4	43.0	44.0	45.2	45.6	45.9	46.1	46.1	46.1	46.2	46.4	46.4	46.5	46.5	46.7	46.9
≥ 12000	16.4	43.1	44.1	45.3	45.8	46.0	46.3	46.3	46.3	46.4	46.6	46.6	46.7	46.7	46.9	47.2
≥ 10000	16.5	43.7	44.7	46.0	46.6	46.9	47.2	47.3	47.3	47.4	47.6	47.6	47.7	47.7	47.9	48.2
≥ 9000	16.5	43.9	44.9	46.2	46.8	47.1	47.4	47.5	47.5	47.6	47.8	47.8	47.9	47.9	48.1	48.4
≥ 8000	16.5	44.0	45.0	46.3	46.9	47.2	47.5	47.6	47.6	47.7	47.9	47.9	48.0	48.0	48.2	48.5
≥ 7000	16.6	44.2	45.2	46.5	47.1	47.4	47.7	47.8	47.8	47.9	48.1	48.1	48.2	48.2	48.4	48.7
≥ 6000	16.7	44.5	45.5	46.8	47.4	47.7	48.0	48.1	48.1	48.2	48.4	48.4	48.5	48.5	48.7	49.0
≥ 5000	16.8	44.8	45.8	47.1	47.7	48.0	48.3	48.4	48.4	48.5	48.7	48.7	48.8	48.8	49.0	49.3
≥ 4500	16.8	45.0	46.0	47.3	47.9	48.2	48.5	48.6	48.6	48.7	48.9	48.9	49.0	49.0	49.2	49.5
≥ 4000	16.9	45.2	46.2	47.5	48.1	48.4	48.7	48.8	48.8	48.9	49.1	49.1	49.2	49.2	49.4	49.7
≥ 3500	17.0	45.5	46.5	47.8	48.4	48.7	49.0	49.1	49.1	49.2	49.4	49.4	49.5	49.5	49.7	50.0
≥ 3000	17.1	45.8	46.8	48.1	48.7	49.0	49.3	49.4	49.4	49.5	49.7	49.7	49.8	49.8	50.0	50.3
≥ 2500	17.2	46.1	47.1	48.4	49.0	49.3	49.6	49.7	49.7	49.8	50.0	50.0	50.1	50.1	50.3	50.6
≥ 2000	17.3	46.4	47.4	48.7	49.3	49.6	49.9	50.0	50.0	50.1	50.3	50.3	50.4	50.4	50.6	50.9
≥ 1800	17.4	46.6	47.6	48.9	49.5	49.8	50.1	50.2	50.2	50.3	50.5	50.5	50.6	50.6	50.8	51.1
≥ 1600	17.4	46.7	47.7	49.0	49.6	49.9	50.2	50.3	50.3	50.4	50.6	50.6	50.7	50.7	50.9	51.2
≥ 1400	17.5	46.9	47.9	49.2	49.8	50.1	50.4	50.5	50.5	50.6	50.8	50.8	50.9	50.9	51.1	51.4
≥ 1200	17.6	47.2	48.2	49.5	50.1	50.4	50.7	50.8	50.8	50.9	51.1	51.1	51.2	51.2	51.4	51.7
≥ 1000	17.7	47.4	48.4	49.7	50.3	50.6	50.9	51.0	51.0	51.1	51.3	51.3	51.4	51.4	51.6	51.9
≥ 900	17.8	47.6	48.6	49.9	50.5	50.8	51.1	51.2	51.2	51.3	51.5	51.5	51.6	51.6	51.8	52.1
≥ 800	17.8	47.7	48.7	50.0	50.6	50.9	51.2	51.3	51.3	51.4	51.6	51.6	51.7	51.7	51.9	52.2
≥ 700	17.9	47.9	48.9	50.2	50.8	51.1	51.4	51.5	51.5	51.6	51.8	51.8	51.9	51.9	52.1	52.4
≥ 600	18.0	48.1	49.1	50.4	51.0	51.3	51.6	51.7	51.7	51.8	52.0	52.0	52.1	52.1	52.3	52.6
≥ 500	18.1	48.3	49.3	50.6	51.2	51.5	51.8	51.9	51.9	52.0	52.2	52.2	52.3	52.3	52.5	52.8
≥ 400	18.2	48.5	49.5	50.8	51.4	51.7	52.0	52.1	52.1	52.2	52.4	52.4	52.5	52.5	52.7	53.0
≥ 300	18.3	48.8	49.8	51.1	51.7	52.0	52.3	52.4	52.4	52.5	52.7	52.7	52.8	52.8	53.0	53.3
≥ 200	18.4	49.0	50.0	51.3	51.9	52.2	52.5	52.6	52.6	52.7	52.9	52.9	53.0	53.0	53.2	53.5
≥ 100	18.5	49.3	50.3	51.6	52.2	52.5	52.8	52.9	52.9	53.0	53.2	53.2	53.3	53.3	53.5	53.8
0	18.5	49.3	50.3	51.6	52.2	52.5	52.8	52.9	52.9	53.0	53.2	53.2	53.3	53.3	53.5	53.8

Total number of observations _____

DMAAVODSAMPET 8/83



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

12120 KINGSVILLE, TX 73-82 MAY

STATION STATION NAME YEARS HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0/16	≥0
NO CEILING	24.2	47.8	47.7	48.7	49.0	49.4	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 20000	25.4	50.1	50.8	51.7	52.1	52.4	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 10000	25.4	54.1	54.9	57.9	58.1	58.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 14000	26.1	54.8	55.8	58.1	58.4	58.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 14000	25.1	54.1	54.8	58.1	58.4	58.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 12000	26.4	57.1	57.7	59.0	59.4	59.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 10000	26.1	57.1	57.7	59.0	59.4	59.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 9000	26.4	57.4	58.1	59.4	59.7	60.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 8000	27.1	58.1	58.7	60.0	60.3	60.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 7000	27.7	59.4	60.1	61.4	61.7	62.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 6000	28.1	60.1	61.0	62.4	62.7	63.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 5000	28.4	61.0	61.9	63.4	63.7	64.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 4000	28.4	61.7	62.7	64.1	64.4	64.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 4000	28.4	61.8	62.8	64.2	64.5	64.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 3000	28.4	61.9	62.9	64.3	64.6	65.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 3000	28.4	62.1	63.0	64.4	64.7	65.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 2500	28.4	64.2	65.2	66.6	67.7	68.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 2000	29.4	67.1	68.1	69.5	70.6	71.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 1500	29.4	69.4	70.3	72.1	73.4	73.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 1000	30.7	73.4	74.4	76.4	78.1	78.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 1000	31.4	78.1	79.1	81.4	83.1	83.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 800	32.1	81.1	82.1	84.7	86.7	87.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 600	32.7	84.4	85.4	88.0	90.1	90.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 400	33.1	85.8	86.8	89.4	91.5	92.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 200	33.1	86.1	87.1	89.7	91.8	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 100	33.1	86.1	87.1	89.7	91.8	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
0	33.1	86.1	87.1	89.7	91.8	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

1926 (YEARS) KINGSVILLE, TX (STATION NAME) 22-02 (WBAN) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03 (HOUR LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥¼	0
NO CEILING	19.7	38.4	61.8	68.9	83.6	83.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 20000	21.0	43.6	67.8	89.8	86.6	86.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	92.9
≥ 10000	21.0	43.6	67.8	89.8	86.6	86.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	92.9
≥ 14000	21.0	43.6	67.8	89.8	86.6	86.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	92.9
≥ 12000	21.0	43.6	67.8	89.8	86.6	86.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	92.9
≥ 10000	21.4	44.8	69.2	91.2	88.0	88.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	94.3
≥ 9000	21.4	44.8	69.2	91.2	88.0	88.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	94.3
≥ 8000	21.4	45.1	70.2	92.2	89.0	89.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	95.3
≥ 7000	22.2	46.5	71.6	93.6	90.4	90.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	96.8
≥ 6000	22.4	47.0	72.2	94.2	91.0	91.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	97.4
≥ 5000	23.2	48.6	73.8	95.8	92.6	92.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	99.0
≥ 4000	23.4	49.0	74.2	96.2	93.0	93.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	99.4
≥ 3500	23.4	49.0	74.2	96.2	93.0	93.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	99.4
≥ 3000	24.2	50.6	75.8	97.8	94.6	94.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0
≥ 2500	24.2	50.6	75.8	97.8	94.6	94.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0
≥ 2000	24.4	51.0	76.2	98.2	95.0	95.0	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.0
≥ 1800	24.4	51.0	76.2	98.2	95.0	95.0	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.0
≥ 1600	24.4	51.0	76.2	98.2	95.0	95.0	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.0
≥ 1400	24.4	51.0	76.2	98.2	95.0	95.0	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.0
≥ 1200	24.4	51.0	76.2	98.2	95.0	95.0	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.0
≥ 1000	24.4	51.0	76.2	98.2	95.0	95.0	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.0
≥ 900	24.4	51.0	76.2	98.2	95.0	95.0	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.0
≥ 800	24.4	51.0	76.2	98.2	95.0	95.0	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.0
≥ 700	24.4	51.0	76.2	98.2	95.0	95.0	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.0
≥ 600	24.4	51.0	76.2	98.2	95.0	95.0	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.0
≥ 500	24.4	51.0	76.2	98.2	95.0	95.0	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.0
≥ 400	24.4	51.0	76.2	98.2	95.0	95.0	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.0
≥ 300	24.4	51.0	76.2	98.2	95.0	95.0	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.0
≥ 200	24.4	51.0	76.2	98.2	95.0	95.0	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.0
≥ 100	24.4	51.0	76.2	98.2	95.0	95.0	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.0
0	24.4	51.0	76.2	98.2	95.0	95.0	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.0

(TOTAL NUMBER OF OBSERVATIONS) 248

DD FORM 1200/1 (REV. 1 JAN 53) S/N 0102-LF-012-0001



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

12738 KINGSVILLE, TX 73-82 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

06

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	0
NO CEILING	7.8	19.2	21.8	26.0	27.9	28.6	29.9	30.8	30.8	31.8	31.8	31.8	32.1	32.1	32.1	33.2
≥ 30000	6.5	22.7	27.4	33.1	38.7	37.3	39.3	40.8	40.9	42.2	42.2	42.2	42.5	42.5	42.5	44.2
≥ 25000	6.5	22.7	27.4	33.1	38.7	37.3	39.3	40.8	40.9	42.2	42.2	42.2	42.5	42.5	42.5	44.2
≥ 20000	6.5	22.7	27.4	33.1	38.7	37.3	39.3	40.8	40.9	42.2	42.2	42.2	42.5	42.5	42.5	44.2
≥ 18000	6.5	22.7	27.4	33.1	38.7	37.3	39.3	40.8	40.9	42.2	42.2	42.2	42.5	42.5	42.5	44.2
≥ 16000	6.5	22.7	27.4	33.1	38.7	37.3	39.3	40.8	40.9	42.2	42.2	42.2	42.5	42.5	42.5	44.2
≥ 14000	6.5	22.7	27.4	33.1	38.7	37.3	39.3	40.8	40.9	42.2	42.2	42.2	42.5	42.5	42.5	44.2
≥ 12000	6.5	22.7	27.4	33.1	38.7	37.3	39.3	40.8	40.9	42.2	42.2	42.2	42.5	42.5	42.5	44.2
≥ 10000	6.9	24.0	29.2	35.4	38.6	40.6	42.5	43.8	44.0	45.5	45.5	45.5	45.8	45.8	45.8	47.7
≥ 9000	6.8	25.8	30.2	36.8	39.4	41.6	43.5	44.8	45.1	46.8	46.8	46.8	46.8	46.8	46.8	48.7
≥ 8000	6.9	26.3	31.2	37.7	41.2	43.2	45.3	46.6	47.1	48.6	48.6	48.6	48.7	48.7	48.8	51.1
≥ 7000	7.0	27.3	32.1	38.8	42.1	44.1	46.2	47.7	48.2	49.7	49.7	49.7	49.8	49.8	49.8	52.1
≥ 6000	7.0	27.3	32.2	39.0	42.3	44.4	46.5	48.0	48.5	50.0	50.0	50.0	50.1	50.1	50.2	52.5
≥ 5000	7.0	28.3	33.8	40.9	43.8	45.8	48.0	49.7	50.2	51.8	51.8	51.8	51.9	51.9	52.0	54.3
≥ 4500	7.0	28.3	33.8	40.9	43.8	45.8	48.0	49.7	50.2	51.8	51.8	51.8	51.9	51.9	52.0	54.3
≥ 4000	7.0	28.3	33.9	40.9	43.8	45.8	48.0	49.7	50.2	51.8	51.8	51.8	51.9	51.9	52.0	54.3
≥ 3500	7.0	28.3	33.9	40.9	43.8	45.8	48.0	49.7	50.2	51.8	51.8	51.8	51.9	51.9	52.0	54.3
≥ 3000	7.0	28.3	33.9	40.9	43.8	45.8	48.0	49.7	50.2	51.8	51.8	51.8	51.9	51.9	52.0	54.3
≥ 2500	7.0	28.3	33.9	40.9	43.8	45.8	48.0	49.7	50.2	51.8	51.8	51.8	51.9	51.9	52.0	54.3
≥ 2000	7.0	28.3	33.9	40.9	43.8	45.8	48.0	49.7	50.2	51.8	51.8	51.8	51.9	51.9	52.0	54.3
≥ 1800	7.0	28.3	33.9	40.9	43.8	45.8	48.0	49.7	50.2	51.8	51.8	51.8	51.9	51.9	52.0	54.3
≥ 1600	7.0	28.3	33.9	40.9	43.8	45.8	48.0	49.7	50.2	51.8	51.8	51.8	51.9	51.9	52.0	54.3
≥ 1400	7.0	28.3	33.9	40.9	43.8	45.8	48.0	49.7	50.2	51.8	51.8	51.8	51.9	51.9	52.0	54.3
≥ 1200	7.0	28.3	33.9	40.9	43.8	45.8	48.0	49.7	50.2	51.8	51.8	51.8	51.9	51.9	52.0	54.3
≥ 1000	7.0	28.3	33.9	40.9	43.8	45.8	48.0	49.7	50.2	51.8	51.8	51.8	51.9	51.9	52.0	54.3
≥ 900	7.0	28.3	33.9	40.9	43.8	45.8	48.0	49.7	50.2	51.8	51.8	51.8	51.9	51.9	52.0	54.3
≥ 800	7.0	28.3	33.9	40.9	43.8	45.8	48.0	49.7	50.2	51.8	51.8	51.8	51.9	51.9	52.0	54.3
≥ 700	7.0	28.3	33.9	40.9	43.8	45.8	48.0	49.7	50.2	51.8	51.8	51.8	51.9	51.9	52.0	54.3
≥ 600	7.0	28.3	33.9	40.9	43.8	45.8	48.0	49.7	50.2	51.8	51.8	51.8	51.9	51.9	52.0	54.3
≥ 500	7.0	28.3	33.9	40.9	43.8	45.8	48.0	49.7	50.2	51.8	51.8	51.8	51.9	51.9	52.0	54.3
≥ 400	7.0	28.3	33.9	40.9	43.8	45.8	48.0	49.7	50.2	51.8	51.8	51.8	51.9	51.9	52.0	54.3
≥ 300	7.0	28.3	33.9	40.9	43.8	45.8	48.0	49.7	50.2	51.8	51.8	51.8	51.9	51.9	52.0	54.3
≥ 200	7.0	28.3	33.9	40.9	43.8	45.8	48.0	49.7	50.2	51.8	51.8	51.8	51.9	51.9	52.0	54.3
≥ 100	7.0	28.3	33.9	40.9	43.8	45.8	48.0	49.7	50.2	51.8	51.8	51.8	51.9	51.9	52.0	54.3
0	7.0	28.3	33.9	40.9	43.8	45.8	48.0	49.7	50.2	51.8	51.8	51.8	51.9	51.9	52.0	54.3

[illegible] 384



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

13726	KINSTON, NC	73-82	MAY
STATION	STATION NAME	YEARS	MONTH

09
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	6.1	27.3	28.2	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
≥ 20000	9.1	32.7	33.3	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
≥ 18000	9.1	32.7	33.3	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
≥ 16000	9.1	32.7	33.3	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
≥ 14000	8.4	32.7	34.0	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
≥ 12000	8.4	34.3	35.9	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 10000	9.1	36.4	38.2	38.8	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 9000	9.1	37.2	38.8	39.5	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 8000	9.7	39.4	41.8	42.4	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 7000	10.0	40.5	42.7	43.4	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 6000	10.0	40.8	43.0	44.0	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 5000	10.0	41.4	43.7	44.7	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 4500	10.0	41.6	44.0	45.0	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 4000	10.0	41.8	44.0	45.0	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 3500	10.4	42.7	45.0	46.0	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 3000	10.4	44.0	46.6	47.6	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 2500	10.7	46.9	49.8	51.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 2000	11.0	55.8	58.6	60.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 1800	11.0	56.0	59.6	61.2	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 1600	11.3	66.3	70.6	73.1	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 1400	11.7	75.1	79.3	80.9	82.5	82.8	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1200	11.7	77.7	83.4	86.4	90.3	90.6	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1000	11.7	77.7	83.4	86.7	91.6	92.0	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 900	11.7	79.0	87.7	91.6	93.5	93.9	94.3	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.5
≥ 800	11.7	79.0	88.7	93.2	95.2	95.6	96.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 700	11.7	79.0	89.2	94.2	96.6	97.1	97.5	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	11.7	79.0	89.2	94.2	96.6	97.1	97.5	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	11.7	79.0	89.2	94.2	96.6	97.1	97.5	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	11.7	79.0	89.2	94.2	96.6	97.1	97.5	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	11.7	79.0	89.2	94.2	96.6	97.1	97.5	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0
≥ 200	11.7	79.0	89.2	94.2	96.6	97.1	97.5	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0
≥ 100	11.7	79.0	89.2	94.2	96.6	97.1	97.5	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	100.0
≥ 0	11.7	79.0	89.2	94.2	96.6	97.1	97.5	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 309

DMNAVOCEANMET 5605

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

13928	KINGSVILLE, TX	73-82	MAY
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING	17.3	32.3	32.6	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
≥ 20000	13.2	36.4	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 18000	13.2	36.4	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 16000	13.2	36.4	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 14000	13.2	37.1	37.4	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 12000	13.2	37.7	38.1	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
≥ 10000	13.3	40.0	40.3	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 9000	13.3	40.1	41.0	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 8000	14.2	41.6	42.3	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 7000	14.2	41.6	42.3	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 6000	14.2	42.6	43.4	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 5000	14.2	43.2	44.2	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 4500	14.2	43.2	44.2	44.8	44.8	44.8	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 4000	14.8	43.9	44.8	45.5	45.5	45.5	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 3500	15.5	48.5	49.8	50.5	50.5	50.5	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 3000	16.1	52.6	53.9	54.6	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 2500	16.7	68.4	69.7	70.3	70.3	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 2000	16.8	81.2	83.9	84.8	84.8	84.8	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 1800	17.1	82.3	85.7	86.1	86.1	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1500	17.1	88.9	91.8	92.2	92.2	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1200	17.1	89.7	93.2	93.8	93.8	94.1	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1000	17.1	90.3	93.9	94.1	94.5	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 900	17.1	90.3	93.9	94.1	94.5	97.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	17.1	91.0	94.5	94.8	97.3	97.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	17.1	91.3	94.8	97.1	97.5	98.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	17.1	91.6	95.2	97.4	97.8	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	17.1	91.6	95.2	97.4	97.8	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	17.1	91.6	95.2	97.4	98.1	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	17.1	91.6	95.2	97.4	98.1	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	17.1	91.6	95.2	97.4	98.1	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	17.1	91.6	95.2	97.4	98.1	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	17.1	91.6	95.2	97.4	98.1	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 372

DIRNAVOCEANMET 3M08



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] | KNOXVILLE, TN | [illegible]-82 | MAY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	43.4	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 20000	[illegible]	52.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 18000	[illegible]	52.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 16000	[illegible]	52.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 14000	[illegible]	53.0	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 12000	[illegible]	55.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 10000	[illegible]	58.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 9000	[illegible]	59.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 8000	[illegible]	60.7	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 7000	[illegible]	62.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 6000	[illegible]	62.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 5000	[illegible]	63.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 4500	[illegible]	63.9	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 4000	[illegible]	65.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 3500	[illegible]	70.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 3000	[illegible]	77.1	78.4	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 2500	[illegible]	86.1	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2000	[illegible]	91.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1800	[illegible]	91.9	93.9	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1500	[illegible]	93.6	96.5	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	[illegible]	94.2	97.1	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	[illegible]	94.5	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	[illegible]	94.5	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	[illegible]	94.8	97.7	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	[illegible]	94.8	97.7	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	[illegible]	94.8	97.7	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	[illegible]	94.8	97.7	99.1	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	[illegible]	94.8	97.7	99.2	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	[illegible]	94.8	97.7	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	[illegible]	94.8	97.7	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	[illegible]	94.8	97.7	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	[illegible]	94.8	97.7	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

13 72	KINGSVILLE, TX	73-92	MAY
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	15.1	69.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 20000	15.4	66.8	69.0	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
< 20000	15.4	66.8	69.0	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 16000	15.4	66.8	69.0	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
< 16000	15.4	67.7	70.0	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 14000	15.4	66.8	69.0	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
< 12000	15.4	67.7	70.0	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 10000	15.7	71.9	74.2	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
< 9000	15.7	72.6	74.9	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 8000	15.7	73.6	75.8	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
< 7000	15.7	73.9	76.1	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 6000	20.0	74.2	76.8	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
< 5000	20.3	75.2	77.7	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 4500	20.0	75.5	78.1	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
< 4000	20.4	76.8	79.4	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 3500	20.7	78.4	81.0	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
< 3000	20.7	80.7	83.2	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2500	20.7	81.9	84.5	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
< 2000	21.1	86.1	88.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1800	21.0	87.1	89.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
< 1500	21.7	90.5	92.9	93.2	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1200	21.0	91.6	94.5	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
< 1000	21.0	92.6	96.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	21.0	92.6	96.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
< 800	21.0	92.6	96.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	21.0	92.6	96.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
< 600	21.0	92.6	96.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	21.0	92.6	96.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
< 400	21.0	92.6	96.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	21.0	92.6	96.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
< 200	21.0	92.6	96.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	21.0	92.6	96.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	21.0	92.6	96.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION: [illegible] STATION NAME: KNOXVILLE, TN YEARS: [illegible] MONTH: MAY

HOURS (LST): 01

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	56.1	57.1	57.1	57.1	7.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 20000	2[illegible].4	[illegible]6.8	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 18000	2[illegible].4	66.8	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 16000	2[illegible].4	66.8	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 14000	29.4	66.8	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 12000	2[illegible].7	68.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 10000	70.3	69.4	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 9000	70.3	69.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 8000	72.3	71.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 7000	73.[illegible]	73.9	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 6000	76.[illegible]	75.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 5000	76.[illegible]	75.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 4500	76.[illegible]	75.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 4000	76.[illegible]	75.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 3500	78.[illegible]	76.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 3000	78.[illegible]	78.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 2500	78.[illegible]	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 2000	82.[illegible]	79.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 1800	82.[illegible]	79.7	81.[illegible]	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 1500	84.[illegible]	83.6	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1200	88.2	87.4	89.[illegible]	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1000	93.[illegible]	91.9	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	95.[illegible]	93.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 800	95.[illegible]	94.5	96.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 700	95.5	95.8	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	95.[illegible]	95.8	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	95.5	95.8	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	95.5	95.8	99.[illegible]	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	95.5	95.8	99.[illegible]	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.5	95.8	99.[illegible]	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.5	95.8	99.[illegible]	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	95.5	95.8	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 312

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]VILLE, TX	73-92	MAY

HOURS (LST) ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	39.2	40.5	41.5	41.8	42.0	42.3	42.4	42.4	42.6	42.6	42.6	42.6	42.6	42.6	43.[illegible]
≥ 20000	1[illegible].6	47.3	49.1	50.3	50.9	51.2	51.6	51.8	51.8	52.0	52.0	52.0	52.1	52.1	52.1	52.4
≥ 18000	1[illegible].4	47.3	49.1	50.3	50.9	51.2	51.6	51.8	51.8	52.0	52.0	52.0	52.1	52.1	52.1	52.4
≥ 16000	1[illegible].4	47.5	49.1	50.4	50.9	51.2	51.7	51.8	51.9	52.0	52.1	52.1	52.1	52.1	52.1	52.5
≥ 14000	1[illegible].4	47.5	49.3	50.6	51.1	51.4	51.9	52.0	52.1	52.2	52.3	52.3	52.3	52.3	52.3	52.7
≥ 12000	1[illegible].6	48.7	50.6	51.8	52.4	52.7	53.2	53.3	53.4	53.5	53.6	53.6	53.6	53.6	53.6	54.0
≥ 10000	1[illegible].8	50.4	52.4	53.7	54.4	54.7	55.2	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	56.0
≥ 9000	1[illegible].1	51.0	52.9	54.3	55.0	55.3	55.8	55.9	56.0	56.1	56.2	56.2	56.2	56.2	56.2	[illegible]
≥ 8000	1[illegible].3	52.2	54.3	55.7	56.4	56.8	57.3	57.5	57.5	57.7	57.7	57.7	57.7	57.7	57.8	58.2
≥ 7000	1[illegible].7	53.4	55.6	57.0	57.8	58.1	58.7	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.2	[illegible]
≥ 6000	1[illegible].9	54.1	56.4	57.9	58.7	59.0	59.6	59.8	59.8	60.0	60.0	60.0	60.0	60.0	60.1	60.5
≥ 5000	1[illegible].9	54.9	57.3	59.0	59.8	60.1	60.7	60.8	60.9	61.0	61.1	61.1	61.1	61.1	61.2	61.6
≥ 4500	1[illegible].1	55.1	57.5	59.2	60.1	60.4	61.0	61.2	61.2	61.4	61.4	61.4	61.5	61.5	61.5	61.9
≥ 4000	1[illegible].3	55.4	57.9	59.7	60.1	60.5	61.3	61.9	62.1	62.1	62.3	62.3	62.3	62.3	62.4	62.8
≥ 3500	1[illegible].6	57.2	59.8	61.6	62.5	62.9	63.4	63.6	63.6	63.8	63.8	63.8	63.9	63.9	64.0	64.4
≥ 3000	1[illegible].9	58.0	60.7	62.6	63.6	63.9	64.5	64.7	64.8	65.0	65.0	65.0	65.1	65.1	65.1	65.5
≥ 2500	20.1	64.2	67.1	69.0	70.0	70.4	71.0	71.2	71.3	71.5	71.5	71.5	71.5	71.5	71.6	72.0
≥ 2000	20.[illegible]	69.4	72.6	74.6	75.7	76.1	76.8	77.0	77.0	77.2	77.2	77.2	77.3	77.3	77.4	77.8
≥ 1800	20.[illegible]	70.2	73.5	75.6	76.7	77.0	77.7	77.9	78.0	78.2	78.2	78.2	78.2	78.2	78.3	78.7
≥ 1500	21.1	74.9	78.8	81.2	82.5	83.0	83.8	84.1	84.1	84.3	84.3	84.4	84.5	84.5	84.5	84.9
≥ 1200	21.5	78.2	82.5	85.4	86.8	87.4	88.3	88.5	88.5	88.7	88.8	88.8	88.8	88.8	88.9	89.3
≥ 1000	21.7	81.1	85.9	89.1	90.7	91.3	92.2	92.4	92.6	92.9	92.9	92.9	92.9	92.9	93.0	93.4
≥ 900	21.7	81.4	86.4	89.7	91.2	91.9	92.8	93.3	93.3	93.5	93.6	93.6	93.6	93.6	93.7	94.1
≥ 800	21.7	82.6	87.7	91.2	92.9	93.5	94.6	95.0	95.1	95.4	95.4	95.4	95.4	95.4	95.5	95.9
≥ 700	21.7	83.2	88.7	92.3	93.9	94.6	95.7	96.1	96.2	96.5	96.5	96.5	96.6	96.6	96.7	97.1
≥ 600	21.9	83.5	89.3	93.2	95.0	95.6	96.8	97.3	97.4	97.8	97.9	97.9	97.9	97.9	98.0	98.4
≥ 500	21.9	83.7	89.5	93.5	95.4	96.0	97.3	97.8	97.9	98.3	98.5	98.5	98.6	98.6	98.6	99.0
≥ 400	21.9	83.8	89.6	93.7	95.6	96.2	97.5	98.0	98.1	98.6	98.7	98.7	98.8	98.8	98.9	99.3
≥ 300	21.9	83.9	89.8	93.8	95.7	96.4	97.7	98.1	98.3	98.8	98.9	99.0	99.0	99.0	99.2	99.6
≥ 200	21.9	83.9	89.8	93.8	95.7	96.4	97.7	98.2	98.3	98.8	99.0	99.0	99.2	99.2	99.4	99.8
≥ 100	21.[illegible]	83.9	89.8	93.8	95.7	96.4	97.7	98.2	98.3	98.8	99.0	99.0	99.2	99.2	99.4	99.9
≥ 0	21.[illegible]	83.9	89.8	93.8	95.7	96.4	97.7	98.2	98.3	98.8	99.0	99.0	99.2	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2977

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] ASHEVILLE, [illegible] 57-62 JUN

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

20 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	3[illegible].7	74.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 20000	3[illegible].7	80.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 18000	3[illegible].7	80.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 14000	3[illegible].7	80.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 14000	3[illegible].7	80.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 12000	3[illegible].7	80.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 10000	3[illegible].7	80.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 9000	3[illegible].7	81.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 8000	4[illegible].0	83.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 7000	4[illegible].0	83.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 6000	4[illegible].7	83.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 5000	4[illegible].7	83.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4500	4[illegible].0	83.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4000	4[illegible].0	84.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 3500	4[illegible].3	84.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3000	4[illegible].7	85.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2500	4[illegible].7	86.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2000	4[illegible].7	87.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1800	4[illegible].3	88.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1500	4[illegible].7	91.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1200	4[illegible].7	95.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	4[illegible].3	96.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900	4[illegible].3	97.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	4[illegible].3	98.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	4[illegible].3	98.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	4[illegible].3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	4[illegible].7	98.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	4[illegible].7	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	4[illegible].7	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	4[illegible].3	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	4[illegible].7	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	4[illegible].3	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET 5M08



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

13024 (STATION) ASHEVILLE, TX (STATION NAME) 73-82 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

03 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	68.7	68.7	69.7	70.3	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.3
≥ 20000	72.3	73.3	75.7	76.7	77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.3	78.7
≥ 18000	72.3	73.3	75.7	76.7	77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.3	78.7
≥ 16000	72.3	73.0	75.7	76.7	77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.3	78.7
≥ 14000	72.3	73.0	75.7	76.7	77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.3	78.7
≥ 12000	72.3	73.0	75.7	76.7	77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.3	78.7
≥ 10000	72.3	73.7	76.3	77.3	78.0	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.0	79.3
≥ 9000	72.7	74.3	77.0	78.0	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.7	80.0
≥ 8000	73.0	75.3	78.0	79.0	79.7	79.7	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.7	81.0
≥ 7000	73.3	76.7	79.3	80.3	81.0	81.0	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	82.0	82.3
≥ 6000	73.3	77.0	79.7	80.7	81.3	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.3	82.7
≥ 5000	73.3	77.0	79.7	80.7	81.3	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.3	82.7
≥ 4500	73.3	77.0	79.7	80.7	81.3	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.3	82.7
≥ 4000	73.7	77.3	80.0	81.0	81.7	81.7	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.7	83.0
≥ 3500	73.7	77.3	80.0	81.0	81.7	81.7	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.7	83.0
≥ 3000	73.7	78.0	80.7	81.7	82.3	82.3	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.3	83.7
≥ 2500	74.0	78.7	81.3	82.3	83.0	83.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	84.0	84.3
≥ 2000	74.7	80.3	83.0	84.0	84.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.7	86.0
≥ 1800	74.7	81.0	83.7	84.7	85.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.3	86.7
≥ 1500	75.0	81.3	84.0	85.0	85.7	85.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.7	87.0
≥ 1200	76.3	82.7	85.3	86.3	87.0	87.0	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	88.0	88.3
≥ 1000	77.7	84.3	87.0	88.0	88.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.7	90.0
≥ 900	78.0	84.7	87.3	88.3	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	90.0	90.3
≥ 800	78.3	85.0	87.7	88.7	89.3	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.3	90.7
≥ 700	78.3	85.3	88.0	89.0	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.7	91.0
≥ 600	78.3	85.3	88.0	89.0	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.7	91.0
≥ 500	78.3	85.3	88.0	89.0	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.7	DD.D
≥ 400	78.3	85.3	88.0	89.0	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.7	DD.D
≥ 300	78.3	85.3	88.0	89.0	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.7	DD.D
≥ 200	78.3	85.3	88.0	89.0	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.7	DD.D
≥ 100	78.3	85.3	88.0	89.0	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.7	DD.D
0	78.3	85.3	88.0	89.0	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.7	DD.D

TOTAL NUMBER OF OBSERVATIONS 308

DIRNAVOCEANMET 8M08



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] KINGSVILLE, TX 73-82 JUL

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

06

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	56.7	56.7	45.0	51.7	54.0	56.7	56.0	56.7	59.3	60.7	62.0	62.0	63.0	63.0	63.7	63.7
≥ 20000	56.7	40.3	50.3	56.0	62.3	62.7	66.0	66.0	66.7	66.0	69.3	69.3	70.3	70.7	71.3	71.7
≥ 18000	56.7	40.3	50.3	58.0	62.3	63.7	66.0	66.0	66.7	68.0	69.3	69.3	70.3	70.7	71.3	71.7
≥ 16000	56.7	40.3	50.3	58.3	62.7	64.0	66.3	66.3	67.0	68.3	69.7	69.7	70.7	71.0	71.7	72.0
≥ 14000	56.7	40.3	50.3	62.7	66.0	66.3	66.3	67.0	68.3	69.7	69.7	70.7	71.0	71.7	72.0	
≥ 12000	56.7	40.7	50.7	59.0	63.3	64.7	66.0	67.0	67.7	69.0	70.3	70.3	71.3	71.7	72.3	72.7
≥ 10000	56.7	42.7	53.0	61.7	66.3	67.7	69.0	70.0	70.7	72.0	73.7	73.7	74.7	75.0	75.7	76.0
≥ 9000	56.7	43.0	53.3	62.0	66.7	68.0	69.3	70.3	71.0	72.3	74.0	74.0	75.0	75.3	76.0	76.3
≥ 8000	56.7	44.7	55.0	64.3	69.0	70.3	71.7	72.7	73.3	74.7	76.3	76.3	77.3	77.7	78.3	78.7
≥ 7000	56.7	45.3	55.7	65.0	69.7	71.0	72.3	73.3	74.0	75.3	77.0	77.0	78.0	78.3	79.0	79.3
≥ 6000	56.7	48.7	56.0	65.3	70.0	71.3	72.7	73.7	74.3	75.7	77.3	77.3	78.3	78.7	79.3	79.7
≥ 5000	56.7	48.7	56.0	65.3	70.0	71.3	72.7	73.7	74.3	75.7	77.3	77.3	78.3	78.7	79.3	79.7
≥ 4500	56.7	48.7	56.0	65.3	70.0	71.3	72.7	73.7	74.3	75.7	77.3	77.3	78.3	78.7	79.3	79.7
≥ 4000	56.7	48.3	56.7	66.0	70.7	72.0	73.3	74.3	75.0	76.3	78.0	78.0	79.0	79.3	80.0	80.3
≥ 3500	56.7	48.3	56.7	66.0	71.0	72.3	73.7	74.7	75.3	76.7	78.3	78.3	79.3	79.7	80.3	80.7
≥ 3000	56.7	47.0	57.3	66.7	71.7	73.0	74.3	75.3	76.0	77.3	79.0	79.0	80.0	80.3	81.0	81.3
≥ 2500	56.7	47.7	58.3	67.7	73.3	74.7	76.0	77.0	77.7	79.0	80.7	80.7	81.7	82.0	82.7	83.0
≥ 2000	56.7	49.7	60.3	70.0	75.7	77.0	78.3	79.3	80.3	81.7	83.3	83.3	84.3	84.7	85.3	85.7
≥ 1800	56.7	49.7	60.3	70.0	75.7	77.0	78.3	79.3	80.3	81.7	83.3	83.3	84.3	84.7	85.3	85.7
≥ 1500	56.7	52.0	63.0	72.7	78.3	79.7	81.3	82.3	83.3	84.7	86.3	86.3	87.3	87.7	88.3	89.0
≥ 1200	56.7	54.0	65.7	75.3	81.0	82.3	84.0	85.0	86.0	87.3	89.0	89.0	90.0	90.3	91.0	91.7
≥ 1000	56.7	54.7	67.7	77.7	83.3	84.7	86.7	87.7	88.7	90.7	92.3	92.3	93.7	94.0	94.7	95.3
≥ 900	56.7	56.0	68.0	78.7	84.3	86.0	88.0	89.0	90.0	91.7	93.3	93.3	94.7	95.0	95.7	96.3
≥ 800	56.7	57.3	69.7	80.3	86.0	88.0	90.0	91.0	92.0	93.7	95.3	95.3	96.7	97.0	97.7	98.3
≥ 700	56.7	57.3	69.7	80.7	86.7	88.7	90.7	91.7	92.7	94.3	96.0	96.0	97.0	97.3	98.0	98.7
≥ 600	56.7	58.0	70.3	81.7	87.3	89.3	91.3	92.3	93.3	95.0	96.7	96.7	98.0	98.3	99.0	99.7
≥ 500	56.7	58.0	70.3	81.7	87.3	89.3	91.3	92.3	93.3	95.0	96.7	96.7	98.0	98.3	99.0	99.7
≥ 400	56.7	58.0	70.3	81.7	87.3	89.3	91.3	92.3	93.3	95.0	96.7	96.7	98.0	98.3	99.0	99.7
≥ 300	56.7	58.0	70.3	81.7	87.3	89.3	91.3	92.3	93.3	95.0	96.7	96.7	98.0	98.3	99.0	99.7
≥ 200	56.7	58.0	70.3	81.7	87.3	89.3	91.3	92.3	93.3	95.0	96.7	96.7	98.0	98.3	99.0	99.7
≥ 100	56.7	58.0	70.7	81.7	87.7	89.7	91.7	92.7	93.7	95.0	96.7	96.7	98.0	98.3	99.0	99.7
0	56.7	58.0	70.7	81.7	87.7	89.7	91.7	92.7	93.7	95.0	96.7	96.7	98.0	98.3	99.0	99.7

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET 3140B



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

13928 | MINERAL WELLS, TX | 73-82 | JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

09

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ ¼	≥ 0
NO CEILING	5.7	35.7	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
≥ 20000	5.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 18000	6.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 16000	6.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 14000	6.7	42.7	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 12000	6.7	45.0	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 10000	6.7	47.7	48.3	48.3	48.3	48.3	48.3	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 9000	6.7	48.0	48.7	48.7	48.7	48.7	48.7	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 8000	6.7	49.3	49.7	49.7	49.7	49.7	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 7000	6.7	49.3	50.0	50.0	50.0	50.0	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 6000	6.7	49.3	50.0	50.0	50.0	50.0	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 5000	6.7	49.3	50.0	50.3	50.3	50.3	50.3	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 4500	6.7	49.7	50.3	50.3	50.3	50.3	50.3	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 4000	6.7	49.7	50.3	50.3	50.3	50.3	50.3	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 3500	7.0	50.3	51.0	51.0	51.0	51.0	51.0	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 3000	7.0	51.7	52.3	52.3	52.3	52.3	52.3	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 2500	7.7	56.7	57.3	57.3	57.3	57.3	57.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 2000	10.0	68.7	70.3	70.3	70.3	70.3	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 1800	11.0	73.0	73.7	74.0	74.0	74.0	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 1500	12.7	87.7	88.7	89.0	89.0	89.0	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1200	12.7	92.3	94.0	94.3	94.3	94.3	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1000	12.7	95.0	97.0	97.3	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	12.7	96.3	97.3	97.7	98.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	12.7	96.3	98.3	98.3	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	12.7	96.3	98.3	98.3	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3
≥ 600	12.7	96.3	98.3	98.3	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3
≥ 500	12.7	96.3	98.3	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3
≥ 400	12.7	96.3	98.3	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3
≥ 300	12.7	96.3	98.3	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3
≥ 200	12.7	96.3	98.3	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3
≥ 100	12.7	96.3	98.3	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3
≥ 0	12.7	96.3	98.3	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS _____ 248

DIRNAVOCEANMET 5M08



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

1 178 (STATION) PINEVILLE, LA (STATION NAME) 73-82 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0/16	≥ ¼	0
NO CEILING	10.7	37.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 30000	12.7	48.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 20000	12.7	48.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 16000	12.7	48.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 14000	12.7	49.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 12000	13.3	50.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 10000	13.3	52.0	53.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 9000	13.3	52.0	53.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 8000	13.3	52.7	53.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 7000	13.3	52.7	53.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 6000	13.3	53.0	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 5000	13.3	53.0	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 4500	13.3	53.0	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 4000	13.3	53.0	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 3500	18.7	57.0	58.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 3000	20.0	71.7	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 2500	23.7	88.7	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2000	23.7	91.7	93.7	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1800	23.7	92.0	93.3	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1600	23.7	92.0	93.3	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1400	23.7	92.3	93.7	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1200	23.7	93.3	95.7	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000	23.7	93.3	95.7	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 900	23.7	93.3	96.0	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	23.7	93.3	96.0	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700	23.7	93.3	96.0	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	23.7	93.3	96.0	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	23.7	93.3	96.0	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	23.7	93.3	96.0	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	23.7	93.3	96.0	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 200	23.7	93.3	96.0	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 100	23.7	93.3	96.0	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
0	23.7	93.3	96.0	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS 3408

DIFNAVOCEANMET 3405B



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

13-22 | KINGSVILLE, TX | 73-82 | JUN

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	14.7	57.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 20000	17.0	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 18000	17.3	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 16000	17.3	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 14000	17.3	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 12000	17.3	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 10000	17.7	75.0	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 9000	17.7	75.0	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 8000	17.7	76.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 7000	18.3	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 6000	18.3	78.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 5000	18.7	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4500	19.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4000	19.0	81.0	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 3500	20.7	84.7	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 3000	21.0	89.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2500	21.3	92.3	93.0	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2000	21.3	93.3	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1800	21.3	93.3	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1500	21.3	93.3	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1200	21.3	93.3	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1000	21.3	94.3	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 900	21.3	94.3	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 800	21.3	94.3	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 700	21.3	94.3	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 600	21.3	94.3	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 500	21.3	94.3	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 400	21.3	94.3	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 300	21.3	94.3	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 200	21.3	94.3	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 100	21.3	94.3	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
0	21.3	94.3	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7

TOTAL NUMBER OF OBSERVATIONS 1728

DIRNAVOCEANMET 3140.8



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] | MIDLAND, TX | 73-82 | JUN

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ ¼	0
NO CEILING	20.1	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 20000	22.7	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 10000	22.7	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 14000	23.0	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 14000	22.7	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 12000	23.0	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 10000	23.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 9000	23.7	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 8000	23.7	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 7000	23.7	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 6000	23.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 5000	23.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 4500	23.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 4000	23.7	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3500	23.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3000	23.7	96.3	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2500	23.7	97.0	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2000	24.0	98.0	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	24.0	98.0	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1600	24.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1400	24.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	24.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	24.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	24.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	24.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	24.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	24.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	24.0	99.0	99.3	99.7	99.7	99.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	24.0	99.0	99.3	99.7	99.7	99.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	24.0	99.0	99.3	99.7	99.7	99.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	24.3	99.0	99.3	99.7	99.7	99.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	24.0	99.0	99.3	99.7	99.7	99.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
0	24.0	99.3	99.3	99.7	99.7	99.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET 3140.8



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

3U20 (STATION) MINDSVILLE, TX (STATION NAME) 73-82 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ ¼	0
NO CEILING	34.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 20000	34.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 10000	34.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 16000	34.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 14000	34.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 12000	34.7	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 10000	37.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 9000	37.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 8000	38.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 7000	38.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 6000	38.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 5000	39.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 4500	39.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 4000	39.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3500	39.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3000	39.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2500	39.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2000	39.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1800	40.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1500	40.3	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1000	40.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	40.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	40.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	40.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	40.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	40.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	40.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	40.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	40.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	40.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0	40.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 108

DIRNAVOCEANMET 5105



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] ASHEVILLE, NC 73-82 ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	0	
NO CEILING	19.7	57.3	59.1	60.0	60.7	60.8	61.0	61.1	61.2	61.3	61.5	61.6	61.6	61.6	61.7	61.8
≥ 20000	21.5	68.8	67.8	68.8	69.5	69.6	69.8	70.0	70.1	70.2	70.4	70.5	70.6	70.6	70.7	70.8
≥ 18000	21.7	68.8	67.8	68.9	69.5	69.7	69.9	70.0	70.1	70.2	70.5	70.6	70.6	70.6	70.8	70.8
≥ 16000	21.7	68.8	67.8	69.0	69.6	69.8	70.0	70.1	70.2	70.4	70.5	70.6	70.7	70.7	70.8	70.9
≥ 14000	21.7	68.1	68.1	69.3	69.9	70.0	70.3	70.4	70.5	70.7	70.8	70.8	71.0	71.0	71.1	71.2
≥ 12000	21.9	69.1	69.2	70.3	71.0	71.1	71.4	71.5	71.6	71.8	71.9	71.9	72.0	72.1	72.2	72.3
≥ 10000	22.0	69.1	71.2	72.4	73.1	73.3	73.5	73.7	73.8	73.9	74.1	74.1	74.3	74.3	74.4	74.5
≥ 9000	22.0	69.5	71.5	72.8	73.5	73.8	73.9	74.0	74.1	74.3	74.5	74.5	74.6	74.7	74.8	74.9
≥ 8000	22.3	70.9	73.0	74.3	75.0	75.2	75.4	75.6	75.7	75.8	76.0	76.0	76.2	76.2	76.3	76.4
≥ 7000	22.4	71.7	73.8	75.1	75.8	76.0	76.2	76.3	76.4	76.5	76.8	76.8	76.9	77.0	77.1	77.2
≥ 6000	22.5	71.8	73.9	75.2	75.9	76.0	76.3	76.5	76.5	76.7	76.9	76.9	77.0	77.1	77.2	77.3
≥ 5000	22.5	72.0	74.1	75.4	76.1	76.3	76.5	76.7	76.8	76.9	77.1	77.1	77.3	77.3	77.4	77.5
≥ 4000	22.6	72.1	74.2	75.5	76.2	76.3	76.6	76.8	76.8	77.0	77.2	77.2	77.3	77.4	77.5	77.6
≥ 4000	22.5	72.5	74.5	75.9	76.6	76.8	77.0	77.2	77.3	77.4	77.6	77.6	77.8	77.8	77.9	78.0
≥ 3500	23.2	73.4	75.7	77.0	77.8	77.9	78.2	78.3	78.4	78.6	78.8	78.8	78.9	79.0	79.1	79.2
≥ 3000	23.4	76.4	78.7	80.1	80.8	81.0	81.3	81.4	81.5	81.7	81.9	81.9	82.0	82.0	82.2	82.3
≥ 2500	24.5	79.7	81.8	83.3	84.0	84.2	84.5	84.6	84.7	84.9	85.1	85.2	85.3	85.4	85.5	85.6
≥ 2000	25.1	83.1	85.3	86.9	87.7	87.9	88.1	88.3	88.4	88.6	88.8	88.8	88.9	89.0	89.1	89.2
≥ 1800	25.3	83.9	86.0	87.6	88.4	88.6	88.8	89.0	89.1	89.3	89.5	89.5	89.6	89.7	89.8	89.9
≥ 1600	25.7	87.0	89.4	91.0	91.9	92.1	92.4	92.5	92.6	92.7	92.8	92.8	93.0	93.2	93.3	93.5
≥ 1400	26.0	89.3	91.6	93.4	94.4	94.6	94.9	95.0	95.2	95.3	95.5	95.5	95.7	95.7	95.8	96.0
≥ 1200	26.1	90.8	93.9	95.8	96.8	96.9	97.2	97.3	97.4	97.5	97.7	97.7	97.8	97.8	97.9	98.1
≥ 1000	26.1	91.0	93.8	95.6	96.6	96.8	97.1	97.3	97.5	97.7	97.9	97.9	98.0	98.1	98.2	98.3
≥ 900	26.1	91.6	94.4	96.3	97.3	97.5	97.9	98.0	98.2	98.3	98.5	98.5	98.6	98.7	98.8	99.0
≥ 800	26.1	91.9	94.8	96.8	97.8	98.0	98.3	98.4	98.5	98.6	98.8	98.8	98.9	99.0	99.2	99.3
≥ 700	26.1	91.8	94.7	96.7	97.7	97.9	98.2	98.3	98.4	98.6	98.8	98.8	98.9	99.0	99.2	99.3
≥ 600	26.1	91.8	94.7	96.7	97.7	97.9	98.2	98.3	98.4	98.6	98.8	98.8	98.9	99.0	99.2	99.3
≥ 500	26.1	91.9	94.8	96.8	97.8	98.1	98.3	98.4	98.5	98.7	98.9	98.9	99.0	99.1	99.3	99.4
≥ 400	26.1	92.0	94.9	96.9	97.9	98.1	98.4	98.5	98.6	98.8	99.0	99.0	99.1	99.2	99.4	99.5
≥ 300	26.1	92.0	94.9	96.9	97.9	98.1	98.4	98.5	98.6	98.8	99.0	99.0	99.1	99.2	99.4	99.5
≥ 200	26.1	92.0	94.9	96.9	97.9	98.1	98.4	98.5	98.6	98.8	99.0	99.0	99.1	99.2	99.4	99.5
≥ 100	26.1	92.0	94.9	96.9	97.9	98.1	98.4	98.5	98.6	98.8	99.0	99.0	99.1	99.2	99.4	99.5
0	26.1	92.0	94.9	96.9	97.9	98.1	98.4	98.5	98.6	98.8	99.0	99.0	99.1	99.2	99.4	99.5

TOTAL NUMBER OF OBSERVATIONS 2688

DIRNAVOCEANMET 5MOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

DISTRICT 13924 STATION NAME KINGSVILLE, TX YEARS 73-82 MONTH JUL

HOURS (L.S.T.) 20

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	85.7	87.7	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 20000	86.3	90.7	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 18000	86.4	90.7	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 16000	86.6	91.0	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 14000	86.9	91.3	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 12000	86.9	91.6	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 10000	87.7	93.6	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 9000	88.1	93.9	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 8000	88.7	95.8	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 7000	89.1	96.1	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 6000	89.1	96.1	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 5000	89.1	96.1	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 4500	89.1	96.1	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 4000	89.1	96.1	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3500	89.4	96.5	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3000	89.4	96.5	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2500	89.4	96.5	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000	89.4	97.1	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	89.7	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	89.7	97.7	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	89.7	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	89.7	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	89.7	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	89.7	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	89.7	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	89.7	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	89.7	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	89.7	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	89.7	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	89.7	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	89.7	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	89.7	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 316

DIRNAVOCEANMET 5M08



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible]	[illegible]	[illegible]	JUL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

03
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	43.2	[illegible]2.4	83.2	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 20000	45.2	86.1	87.1	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 18000	45.2	86.1	87.1	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 16000	45.2	86.1	87.1	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 14000	45.2	86.5	87.4	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 12000	45.5	87.4	88.7	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 10000	46.1	89.0	90.3	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 9000	46.1	89.0	90.3	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 8000	47.4	91.0	92.3	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 7000	48.1	92.3	93.6	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 6000	48.1	92.4	93.9	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 5000	48.1	92.4	93.9	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 4500	48.1	92.4	93.9	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 4000	48.7	93.2	94.5	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3500	49.0	93.6	94.8	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 3000	49.0	93.6	94.8	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2500	49.0	93.9	95.2	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2000	49.0	94.2	95.8	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1800	49.0	94.2	95.8	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1500	49.7	95.2	96.8	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	49.7	96.5	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	49.7	96.5	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.0
≥ 900	49.7	96.8	98.4	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.4	99.4	99.4
≥ 800	49.7	97.1	98.7	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7
≥ 700	49.7	97.1	98.7	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7
≥ 600	49.7	97.1	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
≥ 500	49.7	97.1	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
≥ 400	49.7	97.1	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
≥ 300	49.7	97.1	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
≥ 200	49.7	97.1	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
≥ 100	49.7	97.1	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
0	49.7	97.1	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMO6



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

1 [illegible] | [illegible] COVILLE, TN | 73-82 | JUL

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	51.1	6[illegible].2	67.6	70.9	71.2	73.1	74.8	74.9	78.1	75.7	75.7	75.7	75.7	75.7	75.7
≥ 20000	[illegible]	53.7	64.7	73.5	77.8	77.7	79.6	80.9	80.9	81.6	82.2	82.2	82.2	82.2	82.2	[illegible]
≥ 18000	[illegible]	53.7	64.7	73.5	77.8	77.7	79.6	80.9	80.9	81.6	82.2	82.2	82.2	82.2	82.2	[illegible]
≥ 16000	[illegible]	53.7	64.7	73.5	77.8	77.7	79.6	80.9	80.9	81.6	82.2	82.2	82.2	82.2	82.2	[illegible]
≥ 14000	[illegible]	53.7	65.1	74.1	78.[illegible]	78.3	80.3	81.6	81.6	82.2	82.9	82.9	82.9	82.9	82.9	[illegible]
≥ 12000	[illegible]	55.3	67.3	76.4	80.3	80.6	82.5	83.8	83.8	84.5	85.1	85.1	85.1	85.1	85.1	[illegible]
≥ 10000	[illegible]	57.9	69.9	79.0	82.9	83.2	85.1	86.4	86.4	87.1	87.7	87.7	87.7	87.7	87.7	87.7
≥ 9000	[illegible]	57.9	69.9	79.3	83.2	83.5	85.4	86.7	86.7	87.4	88.0	88.0	88.0	88.0	88.0	[illegible]
≥ 8000	[illegible]	59.4	71.8	81.9	85.8	86.1	88.0	89.3	89.3	90.0	90.6	90.6	90.6	90.6	90.6	90.6
≥ 7000	[illegible]	59.9	72.2	82.2	86.1	86.4	88.4	89.6	89.6	90.3	90.9	90.9	90.9	90.9	90.9	90.9
≥ 6000	[illegible]	60.2	72.5	82.5	86.4	86.7	88.7	90.0	90.0	90.6	91.3	91.3	91.3	91.3	91.3	91.3
≥ 5000	[illegible]	60.2	72.5	82.5	86.4	86.7	88.7	90.0	90.0	90.6	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4500	[illegible]	60.2	72.5	82.5	86.4	86.7	88.7	90.0	90.0	90.6	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4000	[illegible]	60.8	73.1	83.2	87.1	87.4	89.4	90.7	90.7	91.4	92.2	92.2	92.2	92.2	92.2	[illegible]
≥ 3500	[illegible]	61.2	73.5	83.5	87.7	88.0	90.0	91.3	91.3	91.9	92.6	92.6	92.6	92.6	92.6	92.6
≥ 3000	[illegible]	61.2	73.5	83.5	87.7	88.0	90.0	91.3	91.3	91.9	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2500	[illegible]	61.2	73.5	83.5	87.7	88.0	90.0	91.3	91.3	91.9	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2000	[illegible]	61.5	73.8	83.8	88.0	88.3	90.3	91.6	91.6	92.2	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1800	[illegible]	61.5	73.8	84.8	89.0	89.3	91.3	92.6	92.6	93.5	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500	[illegible]	64.1	76.7	88.0	92.6	92.9	94.8	96.1	96.1	97.1	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200	[illegible]	64.1	76.7	88.0	92.6	92.9	94.8	96.1	96.1	97.1	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1000	[illegible]	64.4	77.0	88.7	93.2	93.5	95.4	97.1	97.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	[illegible]	64.4	77.0	88.7	93.2	93.5	95.4	97.1	97.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	[illegible]	65.1	77.7	89.3	93.8	94.1	96.1	97.7	97.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	[illegible]	65.4	78.0	89.6	94.2	94.5	96.8	98.1	98.1	99.0	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	[illegible]	65.4	78.0	89.6	94.2	94.5	96.8	98.1	98.1	99.0	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	[illegible]	65.4	78.0	89.6	94.2	94.5	97.1	98.4	98.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	[illegible]	65.4	78.0	89.6	94.2	94.5	97.1	98.4	98.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	[illegible]	65.4	78.0	89.6	94.2	94.5	97.1	98.4	98.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	[illegible]	65.4	78.0	89.6	94.2	94.5	97.1	98.4	98.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	[illegible]	65.4	78.0	89.6	94.2	94.5	97.1	98.4	98.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
0	[illegible]	65.4	78.0	89.6	94.2	94.5	97.1	98.4	98.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0															

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

1 [illegible] ASHEVILLE, TX — 73-82 — JUL

STATION — STATION NAME — YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1[illegible]

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	1[illegible]	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 20000	1[illegible]	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
AM 18000	1[illegible]	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
AM 16000	1[illegible]	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
AM 14000	1[illegible]	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
AM 12000	1[illegible]	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
AM 10000	1[illegible]	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
AM 9000	1[illegible]	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
AM 8000	1[illegible]	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
AM 7000	1[illegible]	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
AM 6000	1[illegible]	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
AM 5000	1[illegible]	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
AM 4500	1[illegible]	70.3	70.3	70.3	70.3	70.3	70.3	70.3	71.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
AM 4000	1[illegible]	70.7	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
AM 3500	1[illegible]	72.3	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
AM 3000	2[illegible]	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
AM 2500	2[illegible]	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
AM 2000	2[illegible]	96.5	96.5	97.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
AM 1800	2[illegible]	96.5	96.5	97.4	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
AM 1500	2[illegible]	97.1	97.4	98.4	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
AM 1200	2[illegible]	97.4	97.7	98.7	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AM 1000	2[illegible]	97.7	98.1	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
AM 900	2[illegible]	97.7	98.1	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
AM 800	2[illegible]	97.7	98.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AM 700	2[illegible]	97.7	98.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AM 600	2[illegible]	97.7	98.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AM 500	2[illegible]	97.7	98.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AM 400	2[illegible]	97.7	98.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AM 300	2[illegible]	97.7	98.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AM 200	2[illegible]	97.7	98.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AM 100	2[illegible]	97.7	98.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AM 0	2[illegible]	97.7	98.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 11[illegible]

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

1 [illegible] STATION | [illegible] STATION NAME | [illegible] YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ ¼	0
NO CEILING	1[illegible].7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 20000	2[illegible].7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
18000	22.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
16000	22.3	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
14000	22.3	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
12000	22.3	82.3	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
10000	22.3	84.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
9000	22.3	84.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
8000	22.3	85.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
7000	22.3	85.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
6000	22.3	86.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
5000	22.3	86.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
4500	22.3	86.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
4000	22.3	86.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
3500	23.3	88.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
3000	24.3	92.6	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
2500	25.3	94.8	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
2000	25.3	95.8	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.7	97.7	97.7	97.7
1800	25.3	96.1	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	98.1	98.1	98.1	98.1
1500	26.3	96.8	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.7	98.7	98.7	98.7
1200	25.3	96.4	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.7	98.7	98.7	98.7
1000	25.3	97.4	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.4	99.4	99.4	99.4
900	25.3	97.4	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.4	99.4	99.4	99.4
800	25.3	97.7	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7
700	25.3	97.7	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
600	25.3	97.7	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
500	25.3	97.7	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
400	25.3	97.7	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
300	25.3	97.7	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
200	25.3	97.7	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
100	25.3	97.7	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
0	25.3	97.7	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] STATION | [illegible]VILLE, NC STATION NAME | 73-82 YEARS | [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	1[illegible]	67.2	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 20000	24.2	[illegible]	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 18000	24.2	[illegible]	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 16000	24.2	[illegible]	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 14000	24.2	89.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 12000	24.2	[illegible]	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 10000	24.[illegible]	92.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 9000	24.[illegible]	92.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 8000	25.2	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.4	95.5
≥ 7000	25.2	[illegible]	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 6000	25.2	94.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 5000	25.2	98.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 4500	25.2	98.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 4000	25.2	[illegible]	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 3500	25.2	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3000	25.2	96.8	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2500	25.2	96.8	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2000	25.2	97.1	98.4	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	25.2	97.1	98.4	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	25.2	98.1	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	25.2	98.1	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	25.2	98.1	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	25.2	98.1	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	25.2	98.1	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	25.2	98.1	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	25.2	98.1	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	25.2	98.1	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	25.2	98.1	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	25.2	98.1	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	25.2	98.1	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	25.2	98.1	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	25.2	98.1	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 110

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] KINGSVILLE, TX 72-92 JUL

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	< ¼	0
NO CEILING	41.[illegible]	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 20000	44.[illegible]	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 18000	44.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 16000	44.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 14000	44.4	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 12000	44.4	91.3	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 10000	45.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 9000	46.1	93.9	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 8000	46.5	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 7000	46.5	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 6000	46.5	95.2	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 5000	47.1	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 4500	47.1	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 4000	47.1	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 3500	47.1	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 3000	47.1	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 2500	47.6	96.1	96.8	96.8	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2000	47.6	97.1	97.7	97.7	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800	47.6	97.1	97.7	97.7	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500	47.7	97.7	98.4	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	47.7	98.1	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	47.7	98.1	99.0	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	47.7	98.1	99.0	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	47.7	98.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	47.7	98.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	47.7	98.4	99.4	99.4	99.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	47.7	98.4	99.4	99.4	99.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	47.7	98.4	99.4	99.4	99.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	47.7	98.4	99.4	99.4	99.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	47.7	98.4	99.4	99.4	99.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	47.7	98.4	99.4	99.4	99.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	47.7	98.4	99.4	99.4	99.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMO8



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

13926 (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) JUL (MONTH)

ALL (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	24.1	66.0	67.5	68.5	68.9	69.0	69.2	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 20000	27.2	76.3	78.1	79.3	79.8	79.9	80.1	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 10000	27.2	76.3	78.1	79.3	79.8	79.9	80.1	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 16000	27.2	76.3	78.2	79.4	79.9	80.0	80.2	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5
≥ 14000	27.2	76.8	78.7	80.0	80.5	80.5	80.8	80.9	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1
≥ 12000	27.3	78.0	80.1	81.5	81.9	81.9	82.2	82.3	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5
≥ 10000	27.3	80.3	82.4	83.7	84.2	84.2	84.5	84.6	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8
≥ 9000	28.0	80.6	82.7	84.0	84.5	84.6	84.8	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1
≥ 8000	28.4	82.1	84.2	85.6	86.2	86.2	86.5	86.6	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8
≥ 7000	28.5	82.4	84.6	86.0	86.5	86.5	86.8	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1
≥ 6000	28.9	82.6	84.8	86.2	86.7	86.7	87.0	87.1	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3
≥ 5000	29.6	82.8	85.0	86.4	86.9	87.0	87.2	87.3	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5
≥ 4500	29.6	82.9	85.0	86.5	87.0	87.0	87.3	87.4	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6
≥ 4000	29.7	83.1	85.3	86.7	87.3	87.3	87.6	87.7	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9
≥ 3500	29.8	83.8	86.0	87.5	88.0	88.1	88.3	88.4	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3000	29.8	83.8	86.0	87.5	88.1	88.1	88.4	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2500	30.1	87.9	90.2	91.7	92.3	92.3	92.6	92.7	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2000	30.9	89.8	92.2	93.9	94.6	94.8	95.1	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1800	30.6	90.1	92.5	94.3	94.9	94.9	95.3	95.4	95.4	95.6	95.6	95.6	95.7	95.7	95.7	95.7
≥ 1500	30.9	92.8	94.8	96.5	97.1	97.1	97.5	97.7	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1200	30.9	93.1	95.6	97.4	98.0	98.1	98.4	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	30.9	93.4	95.9	97.8	98.4	98.5	98.9	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 900	30.9	93.5	96.0	97.8	98.5	98.6	98.9	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4
≥ 800	30.9	93.8	96.3	98.1	98.8	98.9	99.2	99.3	99.3	99.4	99.5	99.5	99.6	99.7	99.7	99.7
≥ 700	30.9	93.8	96.4	98.3	98.9	99.0	99.4	99.5	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 600	30.9	93.8	96.5	98.3	99.0	99.1	99.5	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	30.9	93.8	96.6	98.3	99.0	99.1	99.5	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	30.9	93.8	96.6	98.3	99.0	99.1	99.5	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	30.9	93.8	96.6	98.3	99.0	99.1	99.5	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	30.9	93.8	96.6	98.3	99.0	99.1	99.5	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	30.9	93.8	96.6	98.3	99.0	99.1	99.5	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	30.9	93.8	96.6	98.3	99.0	99.1	99.5	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 26,72

DIFNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

12??F (STATION) KINGSVILLE, TX (STATION NAME) ??-82 (YEARS) AUG (MONTH)

00 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	43.7	82.9	82.9	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 20000	44.2	92.3	92.3	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 18000	44.2	92.3	92.3	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 14000	44.2	92.3	92.3	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 14000	45.2	92.6	92.6	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 12000	45.5	93.6	93.6	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 10000	46.3	95.2	95.2	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 9000	46.5	95.2	95.2	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 8000	46.3	96.1	96.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 7000	46.3	96.5	96.5	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 6000	46.4	96.5	96.5	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 5000	46.4	96.5	96.5	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 4500	46.3	96.5	96.5	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 4000	46.3	96.5	96.5	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3500	46.4	96.6	96.6	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3000	46.4	96.6	96.6	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2500	46.3	96.8	96.8	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2000	47.4	97.4	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	47.4	97.4	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	47.4	97.4	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	47.4	97.7	97.7	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	47.4	98.1	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	47.4	98.1	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	47.4	98.1	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	47.4	98.1	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	47.4	98.1	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	47.4	98.1	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	47.4	98.1	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	47.4	98.1	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	47.4	98.1	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	47.4	98.1	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	47.4	98.1	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

12926	KINGSVILLE, TX	73-92	AUG
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	75.3	76.8	78.7	79.4	80.7	80.7	81.0	81.0	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.6
≥ 20000	83.6	85.6	87.9	88.8	86.1	86.1	86.5	86.5	86.5	86.8	86.8	86.8	86.8	86.8	86.8	87.1
≥ 18000	83.6	85.6	87.9	88.8	86.1	86.1	86.5	86.5	86.5	86.8	86.8	86.8	86.8	86.8	86.8	87.1
≥ 14000	83.6	85.6	87.9	88.8	86.1	86.1	86.5	86.5	86.5	86.8	86.8	86.8	86.8	86.8	86.8	87.1
≥ 14000	83.9	85.9	88.2	88.2	86.5	86.5	86.8	86.8	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.4
≥ 12000	83.9	85.9	88.2	88.2	86.5	86.5	86.8	86.8	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.4
≥ 10000	85.3	86.1	88.8	89.4	90.7	90.7	91.0	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.6
≥ 9000	86.1	86.9	88.7	89.7	91.0	91.0	91.3	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.9
≥ 8000	86.1	87.7	90.0	91.0	92.3	92.3	92.6	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	93.2
≥ 7000	86.9	88.9	90.7	91.6	92.9	92.9	93.2	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.9
≥ 6000	86.9	88.9	90.7	91.6	92.9	92.9	93.2	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.9
≥ 5000	86.9	89.0	91.6	92.6	93.9	93.9	94.2	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.8
≥ 4500	86.9	89.0	91.6	92.6	93.9	93.9	94.2	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.8
≥ 4000	86.9	89.0	91.6	92.6	93.9	93.9	94.2	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.8
≥ 3500	86.9	90.3	92.6	93.6	95.2	95.2	95.5	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	96.1
≥ 3000	86.9	90.3	92.6	93.6	95.2	95.2	95.5	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	96.1
≥ 2500	87.1	90.7	93.2	94.2	95.8	95.8	96.1	96.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.8
≥ 2000	87.7	91.9	94.5	95.8	97.4	97.4	97.7	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.4
≥ 1800	87.7	91.9	94.5	95.8	97.4	97.4	97.7	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.4
≥ 1500	87.7	92.6	95.2	96.5	98.1	98.1	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	99.0
≥ 1200	87.7	93.2	95.8	97.1	98.7	98.7	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.7
≥ 1000	87.7	93.2	95.8	97.1	98.7	98.7	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.7
≥ 900	87.7	93.4	96.1	97.4	99.0	99.0	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 800	87.7	93.4	96.1	97.4	99.0	99.0	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 700	87.7	93.4	96.1	97.4	99.0	99.0	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 600	87.7	93.4	96.1	97.4	99.0	99.0	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 500	87.7	93.4	96.1	97.4	99.0	99.0	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 400	87.7	93.4	96.1	97.4	99.0	99.0	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 300	87.7	93.4	96.1	97.4	99.0	99.0	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 200	87.7	93.4	96.1	97.4	99.0	99.0	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 100	87.7	93.4	96.1	97.4	99.0	99.0	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 0	87.7	93.4	96.1	97.4	99.0	99.0	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET 3M06



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

1 24 (STATION) | [illegible] (STATION NAME) | [illegible]-82 (YEARS) | AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

06 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	6.[illegible]	43.9	64.2	60.3	65.2	68.8	67.7	67.7	68.4	70.3	71.3	71.3	71.6	71.6	71.6	71.6
≥ 30000	7.4	50.7	61.3	68.7	74.2	74.8	77.1	77.1	77.7	79.7	80.7	80.7	81.0	81.3	81.6	81.6
≥ 25000	7.4	50.7	61.3	68.7	74.2	74.8	77.1	77.1	77.7	79.7	80.7	80.7	81.0	81.3	81.6	81.6
≥ 20000	7.4	50.7	61.3	68.7	74.2	74.8	77.1	77.1	77.7	79.7	80.7	80.7	81.0	81.3	81.6	81.6
≥ 18000	7.4	50.7	61.3	68.7	74.2	74.8	77.1	77.1	77.7	79.7	80.7	80.7	81.0	81.3	81.6	81.6
≥ 16000	7.4	50.7	61.3	68.7	74.2	74.8	77.1	77.1	77.7	79.7	80.7	80.7	81.0	81.3	81.6	81.6
≥ 14000	7.4	50.7	61.3	68.7	74.2	74.8	77.1	77.1	77.7	79.7	80.7	80.7	81.0	81.3	81.6	81.6
≥ 12000	7.7	52.9	63.6	71.3	76.8	77.4	80.0	80.0	80.7	82.6	83.6	83.6	83.9	84.2	84.5	84.5
≥ 10000	8.4	54.1	67.1	75.5	81.0	81.6	84.5	84.5	85.2	87.1	88.1	88.1	88.4	88.7	89.0	89.0
≥ 9000	8.4	56.5	67.4	75.8	81.3	81.9	84.8	84.8	85.5	87.4	88.4	88.4	88.7	89.0	89.4	89.4
≥ 8000	8.7	58.1	69.7	78.1	83.6	84.2	87.1	87.1	87.7	89.7	90.7	90.7	91.0	91.3	91.6	91.6
≥ 7000	8.7	58.4	70.0	78.4	83.9	84.5	87.4	87.4	88.1	90.0	91.0	91.0	91.3	91.6	91.9	91.9
≥ 6000	8.7	58.4	70.3	78.7	84.5	85.2	88.1	88.1	88.7	90.7	91.6	91.6	91.9	92.3	92.6	92.6
≥ 5000	8.7	58.4	70.3	78.7	84.5	85.2	88.1	88.1	88.7	90.7	91.6	91.6	91.9	92.3	92.6	92.6
≥ 4500	8.7	58.4	70.3	78.7	84.5	85.2	88.1	88.1	88.7	90.7	91.6	91.6	91.9	92.3	92.6	92.6
≥ 4000	8.7	58.4	70.3	78.7	84.5	85.2	88.1	88.1	88.7	90.7	91.6	91.6	91.9	92.3	92.6	92.6
≥ 3500	8.7	58.7	70.7	79.0	84.8	85.5	88.4	88.4	89.0	91.0	91.9	91.9	92.3	92.6	92.9	92.9
≥ 3000	8.7	59.7	71.6	80.0	85.8	86.5	89.4	89.4	90.0	91.9	92.9	92.9	93.2	93.6	93.9	93.9
≥ 2500	8.7	59.7	71.6	80.0	85.8	86.5	89.4	89.4	90.0	91.9	92.9	92.9	93.2	93.6	93.9	93.9
≥ 2000	9.0	61.3	73.2	81.6	87.4	88.1	91.0	91.0	91.6	93.6	94.5	94.5	94.8	95.2	95.5	95.5
≥ 1800	9.0	61.6	73.6	81.9	87.7	88.4	91.3	91.3	91.9	93.9	94.8	94.8	95.2	95.5	95.8	95.8
≥ 1500	9.7	62.3	74.2	82.9	89.0	89.7	92.6	92.6	93.2	95.2	96.1	96.1	96.5	96.8	97.1	97.1
≥ 1200	9.7	63.6	74.8	83.6	89.7	90.3	93.2	93.2	93.9	95.8	96.8	96.8	97.1	97.4	97.7	97.7
≥ 1000	9.7	63.9	75.8	84.8	90.7	91.3	94.2	94.2	94.8	96.8	97.7	97.7	98.1	98.4	98.7	98.7
≥ 900	9.7	63.9	75.8	84.8	90.7	91.3	94.2	94.2	94.8	96.8	97.7	97.7	98.1	98.4	98.7	98.7
≥ 800	9.7	63.9	75.8	84.8	90.7	91.6	94.5	94.5	95.2	97.1	98.1	98.1	98.4	98.7	99.0	99.0
≥ 700	9.7	63.9	75.8	84.8	90.7	91.6	94.5	94.5	95.2	97.1	98.1	98.1	98.4	98.7	99.0	99.0
≥ 600	9.7	63.9	75.8	84.8	90.7	91.6	94.5	94.5	95.2	97.1	98.1	98.1	98.4	98.7	99.0	99.0
≥ 500	9.7	63.9	75.8	84.8	90.7	91.6	94.5	94.5	95.2	97.4	98.4	98.4	98.7	99.0	99.4	99.4
≥ 400	9.7	63.9	75.8	84.8	91.0	91.9	94.8	94.8	95.5	97.7	98.7	98.7	99.0	99.4	99.7	99.7
≥ 300	9.7	63.9	75.8	84.8	91.0	91.9	94.8	94.8	95.5	97.7	98.7	98.7	99.0	99.4	99.7	99.7
≥ 200	9.7	63.9	75.8	84.8	91.0	91.9	94.8	94.8	95.5	97.7	98.7	98.7	99.0	99.4	99.7	99.7
≥ 100	9.7	63.9	75.8	84.8	91.0	91.9	94.8	94.8	95.5	97.7	98.7	98.7	99.0	99.4	99.7	99.7
≥ 0	9.7	63.9	75.8	84.8	91.0	91.9	94.8	94.8	95.5	97.7	98.7	98.7	99.0	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]VILLE, TX	73-82	AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST): 09

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	7.4	42.9	4 .9	45.5	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 20000	8.1	52.3	52.3	54.8	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 18000	8.1	52.3	52.3	54.8	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 16000	8.1	52.6	52.6	55.2	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 14000	8.4	53.2	53.6	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 12000	8.9	56.1	56.5	59.0	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 10000	9.7	61.0	61.6	64.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 9000	9.7	61.0	61.6	64.2	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 8000	9.7	61.9	62.6	65.2	66.1	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 7000	9.7	62.9	63.6	66.8	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 6000	9.7	63.9	65.2	68.9	69.8	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 5000	9.7	63.9	65.2	68.9	69.8	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 4500	9.7	63.9	65.2	68.9	69.8	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 4000	9.7	63.9	65.2	68.9	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 3500	9.7	63.9	65.2	68.9	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 3000	9.7	64.8	66.1	70.0	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 2500	9.0	67.9	68.7	72.6	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 2000	10.7	79.8	80.3	84.2	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 1800	10.7	79.7	81.0	84.8	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 1500	11.6	87.8	88.7	92.6	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1200	11.9	89.7	91.0	94.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	12.3	92.6	93.9	97.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	12.3	92.9	94.2	98.1	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	12.3	92.9	94.2	98.1	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	12.3	92.9	94.2	98.1	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7
≥ 600	12.3	92.9	94.2	98.1	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7
≥ 500	12.3	93.2	94.5	98.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 400	12.3	93.2	94.5	98.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 300	12.3	93.2	94.5	98.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 200	12.3	93.2	94.5	98.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 100	12.3	93.2	94.5	98.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 0	12.3	93.2	94.5	98.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[redacted] STATION | KI[redacted]SVILLE, [redacted] STATION NAME | [redacted]-80 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

[redacted] HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[redacted]7	42.6	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 20000	10.0	54.2	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 18000	10.0	54.2	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 16000	10.0	54.2	54.5	54.5	54.5	54.5	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 14000	10.3	56.1	56.4	56.5	56.5	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 12000	10.7	60.0	60.3	60.3	60.3	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 10000	10.7	62.3	62.6	62.6	62.6	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 9000	11.0	62.9	63.2	63.2	63.2	63.2	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 8000	11.0	64.2	64.8	64.5	64.5	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 7000	11.3	64.9	65.2	65.2	65.2	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 6000	11.3	65.5	65.8	65.8	65.8	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 5000	11.6	65.5	65.8	66.1	66.1	66.1	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 4500	11.6	65.5	65.8	66.1	66.1	66.1	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 4000	11.6	65.8	66.1	66.8	66.5	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 3500	12.5	69.7	70.0	70.3	70.3	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 3000	14.3	81.6	82.3	82.6	82.9	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 2500	16.1	92.6	93.2	93.6	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2000	17.1	96.1	96.8	97.4	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	17.1	96.1	96.8	97.4	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	17.1	96.5	97.4	98.1	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	17.1	96.8	97.7	98.4	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	17.1	96.8	97.7	98.4	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	17.1	96.8	97.7	98.4	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	17.1	96.8	97.7	98.4	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	17.1	97.1	98.1	98.7	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	17.1	97.1	98.1	98.7	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	17.1	97.1	98.1	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	17.1	97.1	98.1	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	17.1	97.1	98.1	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	17.1	97.1	98.1	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	17.1	97.1	98.1	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	17.1	97.1	98.1	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET 9MOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] STATION | [illegible]VILLE, TX STATION NAME | 73-82 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15 HOUR (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	67.1	68.1	68.8	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 20000	14.5	68.1	69.1	69.8	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 18000	14.5	68.4	69.4	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 16000	14.5	68.4	69.4	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 14000	15.2	70.0	71.0	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 12000	15.5	74.2	75.2	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 10000	15.5	78.7	79.7	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 9000	15.5	79.0	80.0	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 8000	15.5	81.0	81.9	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 7000	15.5	81.6	82.6	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 6000	15.5	82.3	83.2	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 5000	15.5	82.6	83.6	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4500	15.5	82.6	83.6	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4000	15.5	82.9	83.9	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 3500	15.7	83.6	84.5	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 3000	17.7	89.0	90.3	91.9	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2500	19.4	92.9	94.5	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000	19.4	93.2	95.5	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1800	19.4	93.9	95.8	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1500	19.4	94.2	96.1	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	19.4	94.8	96.1	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.7	98.7	98.7	98.7
≥ 1000	19.4	94.8	96.5	98.1	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.4	99.4	99.4	99.4
≥ 900	19.4	94.8	96.5	98.1	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.4	99.4	99.4	99.4
≥ 800	19.4	94.8	96.5	98.1	98.7	98.7	99.0	99.0	99.0	99.0	99.4	99.4	99.4	99.7	99.7	99.7
≥ 700	19.4	94.8	96.5	98.1	99.0	99.0	99.4	99.4	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0
≥ 600	19.4	94.8	96.5	98.1	99.0	99.0	99.4	99.4	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0
≥ 500	19.4	94.8	96.5	98.1	99.0	99.0	99.4	99.4	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0
≥ 400	19.4	94.8	96.5	98.1	99.0	99.0	99.4	99.4	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0
≥ 300	19.4	94.8	96.5	98.1	99.0	99.0	99.4	99.4	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0
≥ 200	19.4	94.8	96.5	98.1	99.0	99.0	99.4	99.4	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0
≥ 100	19.4	94.8	96.5	98.1	99.0	99.0	99.4	99.4	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0
0	19.4	94.8	96.5	98.1	99.0	99.0	99.4	99.4	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 11[illegible]

DIRNAVOCEANMET SMOS



MAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

1 [illegible] (STATION) [illegible]VILLE, [illegible] (STATION NAME) 73-82 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

14 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	1[illegible].[illegible]	55.6	56.9	57.[illegible]	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 20000	1[illegible].1	80.3	81.0	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 18000	1[illegible].1	80.3	81.0	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 16000	1[illegible].1	80.3	81.0	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 14000	1[illegible].4	81.0	82.3	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 12000	20.3	84.2	85.5	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 10000	20.7	89.0	89.7	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 9000	20.7	89.0	89.7	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 8000	[illegible]0.7	92.9	93.6	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 7000	2[illegible].7	93.2	93.9	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 6000	2[illegible].7	93.6	94.2	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 5000	2[illegible].7	94.2	94.8	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 4500	20.7	94.5	95.2	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 4000	20.7	94.8	95.5	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3500	20.7	94.8	95.5	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3000	21.0	95.5	96.1	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2500	21.0	96.1	96.8	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2000	21.0	96.5	97.1	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	21.[illegible]	96.5	97.1	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	21.[illegible]	96.5	97.1	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	21.[illegible]	96.8	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	21.[illegible]	97.1	97.7	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	21.0	97.1	97.7	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	21.0	97.1	97.7	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	21.0	97.1	97.7	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	21.0	97.1	97.7	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	21.0	97.1	97.7	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	21.[illegible]	97.1	97.7	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	21.0	97.1	97.7	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	21.[illegible]	97.1	97.7	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	21.[illegible]	97.1	97.7	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	21.0	97.1	97.7	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 110

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] (STATION) ASHEVILLE, NC (STATION NAME) 73-82 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	38.5	81.3	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 20000	41.1	81.9	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 18000	41.1	81.9	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 16000	41.2	81.9	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 14000	41.3	82.6	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 12000	41.6	83.0	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 10000	42.3	85.2	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 9000	42.3	85.8	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 8000	42.2	87.7	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 7000	43.2	87.7	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 6000	43.2	87.7	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 5000	43.2	87.7	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 4500	43.2	88.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 4000	43.2	88.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3500	43.2	88.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3000	43.2	88.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2500	43.2	88.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2000	43.6	88.4	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	43.6	88.4	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	43.6	88.7	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	43.6	88.7	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	43.6	88.7	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	43.6	88.7	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	43.6	89.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	43.6	89.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	43.6	89.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	43.6	89.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0
≥ 400	43.6	89.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0
≥ 300	43.6	89.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0
≥ 200	43.6	89.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0
≥ 100	43.6	89.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0
≥ 0	43.6	89.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

ALL
HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	59.1	61.0	[illegible]	63.4	[illegible]	63.8	63.8	63.9	64.2	64.3	64.3	64.3	64.3	64.3	[illegible]
≥ 20000	[illegible]	[illegible]	[illegible]	75.0	76.1	76.1	76.5	76.5	76.5	76.8	76.9	76.9	77.0	77.0	77.1	[illegible]
≥ 18000	23.4	71.5	73.4	75.1	76.1	76.2	76.5	76.5	76.6	76.9	77.0	77.0	77.0	77.1	77.1	[illegible]
≥ 16000	23.4	71.5	73.4	75.1	76.2	76.3	76.6	76.6	76.7	77.0	77.1	77.1	77.1	77.2	77.2	[illegible]
≥ 14000	23.[illegible]	72.3	74.3	76.[illegible]	77.1	77.1	77.5	77.5	77.6	77.9	78.0	78.0	78.0	78.1	78.1	[illegible]
≥ 12000	24.3	73.[illegible]	76.9	78.7	79.7	79.8	80.2	80.2	80.3	80.6	80.7	80.7	80.7	80.8	80.8	[illegible]
≥ 10000	24.[illegible]	73.0	80.[illegible]	81.9	83.[illegible]	83.1	83.5	83.6	83.6	83.9	84.[illegible]	84.[illegible]	84.[illegible]	84.1	84.1	[illegible]
≥ 9000	25.[illegible]	78.2	80.8	82.1	83.2	83.3	83.8	83.8	83.8	84.1	84.2	84.2	84.3	84.3	84.4	[illegible]
≥ 8000	25.3	80.0	82.1	83.9	85.0	85.1	85.6	85.6	85.7	85.9	86.1	86.1	86.1	86.1	86.2	[illegible]
≥ 7000	[illegible].2	[illegible].4	82.5	84.5	85.6	85.7	86.2	86.2	86.3	86.5	86.7	86.7	86.7	86.7	86.8	[illegible]
≥ 6000	25.3	[illegible].8	83.0	85.0	86.1	86.2	86.7	86.7	86.7	87.0	87.1	87.1	87.2	87.2	87.3	[illegible]
≥ 5000	[illegible].2	81.[illegible]	83.2	85.2	86.4	86.5	86.9	86.9	87.0	87.3	87.4	87.4	87.5	87.5	87.5	[illegible]
≥ 4500	[illegible].3	81.1	83.3	85.3	86.5	86.6	87.0	87.0	87.1	87.4	87.5	87.5	87.5	87.6	87.6	[illegible]
≥ 4000	[illegible].2	81.2	83.4	85.5	86.6	86.7	87.2	87.2	87.3	87.5	87.7	87.7	87.7	87.7	87.8	[illegible]
≥ 3500	[illegible].4	[illegible].2	84.2	86.3	87.5	87.7	88.1	88.1	88.2	88.5	88.6	88.6	88.6	88.7	88.7	[illegible]
≥ 3000	[illegible].5	84.5	86.8	89.0	90.3	90.4	90.9	90.9	91.0	91.2	91.3	91.3	91.4	91.4	91.5	[illegible]
≥ 2500	[illegible].4	86.8	89.2	91.8	92.7	92.8	93.2	93.2	93.3	93.6	93.7	93.7	93.8	93.8	93.8	[illegible]
≥ 2000	[illegible].7	89.3	91.7	94.0	95.4	95.5	96.0	96.0	96.1	96.3	96.5	96.5	96.5	96.5	96.6	[illegible]
≥ 1800	[illegible].0	89.4	91.8	94.2	95.5	95.7	96.1	96.1	96.2	96.5	96.6	96.6	96.6	96.7	96.7	[illegible]
≥ 1500	[illegible].2	90.7	93.2	95.5	96.9	97.1	97.5	97.5	97.6	97.9	98.0	98.0	98.0	98.1	98.1	[illegible]
≥ 1200	[illegible].3	91.3	93.7	96.1	97.5	97.6	98.1	98.1	98.2	98.4	98.6	98.6	98.6	98.7	98.7	[illegible]
≥ 1000	[illegible].3	91.9	94.3	96.7	98.1	98.2	98.7	98.7	98.8	99.1	99.2	99.2	99.3	99.3	99.4	[illegible]
≥ 900	[illegible].3	91.9	94.4	96.8	98.2	98.3	98.8	98.8	98.9	99.2	99.3	99.3	99.4	99.4	99.4	[illegible]
≥ 800	[illegible].3	91.9	94.4	96.8	98.2	98.4	98.9	98.9	99.[illegible]	99.3	99.4	99.4	99.5	99.5	99.5	[illegible]
≥ 700	[illegible].3	92.0	94.5	96.9	98.3	98.5	99.0	99.0	99.1	99.4	99.5	99.5	99.6	99.7	99.7	[illegible]
≥ 600	[illegible].3	92.0	94.5	96.9	98.3	98.5	99.[illegible]	99.0	99.1	99.4	99.5	99.5	99.6	99.7	99.7	[illegible]
≥ 500	[illegible].3	92.0	94.5	96.9	98.4	98.6	99.1	99.1	99.2	99.5	99.6	99.6	99.8	99.8	99.9	[illegible]
≥ 400	[illegible].3	92.0	94.5	97.0	98.4	98.6	99.2	99.2	99.2	99.6	99.7	99.7	99.8	99.8	99.9	[illegible]
≥ 300	[illegible].3	92.0	94.5	97.0	98.4	98.6	99.2	99.2	99.2	99.6	99.7	99.7	99.8	99.8	99.9	[illegible]
≥ 200	[illegible].3	92.[illegible]	94.5	97.0	98.4	98.6	99.2	99.2	99.2	99.6	99.7	99.7	99.8	99.8	99.9	[illegible]
≥ 100	[illegible].3	92.[illegible]	94.5	97.0	98.4	98.6	99.2	99.2	99.2	99.6	99.7	99.7	99.8	99.8	99.9	[illegible]
0	[illegible].3	92.[illegible]	94.5	97.0	98.4	98.6	99.2	99.2	99.2	99.6	99.7	99.7	99.8	99.8	99.9	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

1 STATION | [illegible] STATION NAME | [illegible] YEARS | SEP MONTH | 0 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	[illegible]	77.7	77.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	[illegible]	85.0	86.3	87.3	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]30

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

1 [illegible] | [illegible] ASHEVILLE, NC | 70-9[illegible] | SEP

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

01

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	34.[illegible]	69.[illegible]	71.3	74.3	76.3	76.3	77.3	77.7	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 30000	37.[illegible]	73.3	78.0	81.0	83.0	83.0	84.3	84.7	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 18000	37.[illegible]	75.3	78.0	81.0	83.0	83.0	84.3	84.7	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 16000	37.[illegible]	75.3	78.0	81.0	83.0	83.0	84.3	84.7	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 14000	37.0	75.3	78.0	81.3	83.0	83.0	84.3	84.7	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 12000	37.0	75.7	78.3	81.3	83.3	83.3	85.0	85.3	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 10000	37.7	76.3	79.3	82.7	84.7	84.7	86.3	86.7	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 9000	37.7	76.3	79.3	82.7	84.7	84.7	86.3	86.7	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 8000	38.[illegible]	78.7	81.0	85.3	87.3	87.3	89.0	89.3	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 7000	38.3	79.3	82.7	86.[illegible]	88.0	88.0	89.7	90.0	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 6000	38.3	79.3	82.7	86.[illegible]	88.0	88.0	89.7	90.0	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 5000	38.3	79.3	82.7	86.[illegible]	88.0	88.0	89.7	90.0	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 4500	38.3	79.3	82.7	86.0	88.0	88.0	89.7	90.0	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 4000	38.3	79.7	83.0	86.3	88.3	88.3	90.0	90.3	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3500	39.3	80.0	83.7	87.0	89.0	89.3	90.7	91.0	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3000	39.3	81.0	84.7	88.0	90.0	90.0	91.7	92.0	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2500	39.3	81.3	85.0	88.3	90.3	90.3	92.0	92.3	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2000	41.[illegible]	84.0	87.7	91.0	93.0	93.0	94.7	95.0	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1800	41.3	84.7	88.3	91.7	93.7	93.7	95.3	95.7	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1500	41.7	86.3	89.7	93.0	95.0	95.0	96.7	97.0	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200	41.[illegible]	86.[illegible]	89.7	93.0	95.0	95.0	96.7	97.0	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1000	41.3	86.7	90.3	93.7	95.7	95.7	97.3	97.7	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	41.3	87.0	90.7	94.0	96.0	96.0	97.7	98.0	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	41.3	87.0	90.7	94.0	96.0	96.0	97.7	98.0	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	41.3	87.0	91.0	94.3	96.3	96.3	98.0	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.
≥ 600	41.7	87.3	91.3	94.7	96.7	96.7	98.3	98.7	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	41.7	87.3	91.3	95.0	97.0	97.0	98.7	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	41.7	87.3	91.3	95.0	97.0	97.0	98.7	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	41.7	87.3	91.3	95.3	97.3	97.3	99.0	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	41.7	87.3	91.3	95.3	97.3	97.3	99.0	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	41.7	87.3	91.3	95.3	97.3	97.3	99.0	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	41.7	87.3	91.3	95.3	97.3	97.3	99.0	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

I TEX (STATION) KING.VILLE, TX (STATION NAME) 73-82 (YEARS) SEP (MONTH)

06 (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		67.3	68.3	69.3	69.7	69.0	69.7	69.0	69.0	69.7	70.3	70.3	71.0	71.0	71.0	71.3
≥ 20000		61.7	62.7	66.7	70.0	70.3	73.0	73.3	73.3	76.0	76.7	76.7	77.3	77.3	77.3	77.7
≥ 18000		61.7	62.7	66.7	70.0	70.3	73.0	73.3	73.3	76.0	76.7	76.7	77.3	77.3	77.3	77.7
≥ 16000																
≥ 14000	10.3	62.3	63.3	67.3	70.7	71.0	73.7	74.0	74.0	76.7	77.3	77.3	78.0	78.0	78.0	78.3
≥ 12000																
≥ 10000		56.3	64.3	71.0	74.3	75.0	78.0	79.3	79.3	81.0	81.7	81.7	82.3	82.3	82.3	82.7
≥ 9000																
≥ 8000		57.3		73.0	76.3	77.0	80.3	81.0	82.0	83.7	84.3	84.3	85.0	85.0	85.0	85.3
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS 708

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS 71-82 MONTH SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST) 09

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 3/16	≥ ¼	≥ 0
NO CEILING	7	49.3	55.0	54.3	54.7	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 20000	7	56.3	61.0	61.3	61.7	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 18000	7	56.3	61.0	61.7	62.0	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 16000	7	56.3	61.0	61.7	62.0	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 14000	7	57.7	61.3	63.0	63.3	63.3	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 12000	7	59.0	62.7	64.7	65.7	65.7	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 10000	7	61.0	64.7	66.7	67.7	67.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 9000	7	61.3	65.0	67.0	68.0	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 8000	7	63.7	67.7	69.7	70.7	71.0	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 7000	7	64.3	68.7	71.0	72.0	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 6000	7	65.0	69.3	71.7	72.7	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 5000	7	65.3	69.7	72.0	73.0	73.7	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 4500	7	65.3	69.7	72.0	73.0	73.7	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 4000	7	65.7	70.3	72.7	74.0	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 3500	7	66.0	70.7	73.0	74.3	75.3	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 3000	7	67.0	71.7	74.0	75.7	76.3	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 2500	7	69.0	73.7	76.0	77.7	78.3	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 2000	7	73.7	78.3	80.7	82.3	83.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 1800	7	74.3	79.0	81.7	83.3	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1500	7	79.7	84.7	88.0	90.0	90.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1200	7	81.7	86.7	90.0	92.3	93.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1000	7	83.0	89.0	91.3	94.0	95.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900	7	83.3	88.7	92.0	94.7	95.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	7	83.7	89.3	93.0	96.0	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700	7	84.0	89.7	93.3	96.3	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	7	84.3	90.0	93.7	96.7	97.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	7	84.3	90.0	94.0	97.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	7	85.0	90.7	94.7	97.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	7	85.0	90.7	94.7	97.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	7	85.0	90.7	94.7	97.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	7	85.0	90.7	94.7	97.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	7	85.0	90.7	94.7	97.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET 5MO5



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]24	KINGSVILLE, TX	73-82	SEP

HOURS (LST) 12

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	47.7	49.[illegible]	49.[illegible]	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.[illegible]
≥ 20000	11.[illegible]	59.[illegible]	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 18000	11.[illegible]	58.0	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 16000	11.[illegible]	58.3	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 14000	11.3	59.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 12000	11.[illegible]	62.0	64.0	64.3	64.3	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 10000	11.7	64.7	66.7	67.0	67.0	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 9000	11.[illegible]	65.0	67.0	67.3	67.3	67.3	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 8000	11.7	66.0	68.3	68.7	68.7	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.[illegible]
≥ 7000	11.[illegible]	66.7	69.0	69.7	69.7	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 6000	11.7	67.3	69.3	70.0	70.0	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 5000	11.[illegible]	67.[illegible]	69.3	70.0	70.0	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 4500	11.7	67.[illegible]	69.3	70.0	70.0	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 4000	11.7	67.3	69.7	70.3	70.3	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 3500	12.3	69.0	71.3	72.0	72.0	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 3000	15.0	75.7	78.0	78.7	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 2500	16.0	82.7	85.0	85.7	85.7	85.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 2000	16.3	87.3	89.7	90.7	90.7	90.7	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1800	16.3	88.0	90.3	91.7	91.7	91.7	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1500	16.3	91.0	93.7	95.0	95.0	95.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200	16.3	91.7	94.3	96.0	96.0	96.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1000	16.3	92.0	94.7	97.0	97.0	97.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	16.3	92.3	95.0	97.3	97.3	97.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	16.3	92.3	95.0	97.3	97.3	97.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	16.3	92.3	95.0	97.3	97.3	97.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	16.3	92.3	95.0	97.7	97.7	97.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	16.3	93.0	95.7	98.3	98.3	98.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	16.3	93.0	95.7	98.3	98.3	98.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	16.3	93.0	95.7	98.3	98.3	98.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	16.3	93.3	95.7	98.3	98.3	98.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	16.3	93.3	95.7	98.3	98.3	98.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	16.3	93.[illegible]	95.7	98.3	98.3	98.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]708

DIRNAVOCEANMET 5MOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

1 [illegible]	KINGSVILLE, TX	73-82	SEP
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	11.3	51.7	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 20000	15.7	68.3	71.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 18000	15.7	68.3	71.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 16000	15.7	68.3	71.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 14000	16.0	69.3	72.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 12000	16.3	70.3	73.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 10000	16.0	73.0	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 9000	17.0	73.0	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 8000	16.3	76.3	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 7000	16.3	77.0	79.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 6000	16.3	77.3	79.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 5000	16.7	77.7	79.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4500	16.7	77.7	79.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4000	16.7	79.7	81.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 3500	16.7	81.0	83.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3000	17.3	85.3	87.3	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2500	18.3	88.0	90.0	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2000	18.7	89.7	92.0	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1800	18.7	89.7	92.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1500	18.7	91.0	93.7	95.7	96.3	96.3	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	19.7	91.3	94.0	96.0	96.7	96.7	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1000	19.7	91.7	94.7	97.3	98.0	98.0	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	18.7	91.7	94.7	97.3	98.0	98.0	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	19.7	92.0	95.0	97.7	98.3	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	19.7	92.0	95.0	97.7	98.3	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	19.7	92.0	95.0	97.7	98.3	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	19.7	92.0	95.0	97.7	98.7	98.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	19.7	92.0	95.0	97.7	98.7	98.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 300	19.7	92.0	95.0	97.7	98.7	98.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 200	19.7	92.0	95.0	97.7	98.7	98.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 100	19.7	92.0	95.0	97.7	98.7	98.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
0	19.7	92.0	95.0	97.7	98.7	98.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] (STATION) MINERALWELL, TX (STATION NAME) 73-82 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	1[illegible]	58.7	59.7	6[illegible]	60.7	[illegible]0.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 20000	1[illegible]	76.7	79.0	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 18000	1[illegible]	76.7	78.[illegible]	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 16000	1[illegible]	76.7	78.[illegible]	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 14000	17.0	77.0	79.7	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 12000	17.0	80.0	81.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 10000	17.7	85.3	87.0	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 9000	17.7	85.3	87.0	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 8000	1[illegible]	88.3	90.3	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 7000	18.7	89.0	91.0	92.3	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 6000	18.7	89.0	91.0	92.3	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 5000	1[illegible]	89.7	91.7	93.0	93.7	94.0	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 4000	19.0	89.7	91.7	93.0	93.7	94.0	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 3500	19.7	90.7	92.7	94.0	94.7	95.0	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3000	19.7	90.7	92.7	94.0	94.7	95.0	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2500	19.7	90.7	92.7	94.0	94.7	95.3	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2000	19.7	91.3	93.7	95.0	95.7	96.3	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1800	19.7	91.7	93.7	95.0	95.7	96.3	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1600	19.7	92.[illegible]	94.0	95.3	96.3	97.3	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1400	19.7	93.0	95.0	96.3	97.7	98.3	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	19.7	93.0	95.3	96.7	98.0	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	19.7	93.0	95.3	96.7	98.0	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	19.7	93.3	95.7	97.0	98.3	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	19.7	93.3	96.0	97.3	98.3	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	19.7	93.7	96.0	97.3	98.7	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	19.7	93.7	96.0	97.3	98.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	19.7	93.7	96.0	97.3	98.7	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	19.7	93.7	96.0	97.3	98.7	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	19.7	93.7	96.0	97.3	98.7	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	19.7	93.7	96.0	97.3	98.7	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	19.7	93.7	96.0	97.3	98.7	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	19.7	93.7	96.0	97.3	98.7	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 100

DIRNAVOCEANMET 9MOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

1[illegible] KINGSVILLE, TX [illegible]-8[illegible] SEP

STATION STATION NAME YEARS MONTH

21

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	38.[illegible]	76.3	77.7	78.0	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 20000	39.7	84.7	86.7	86.3	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 18000	39.7	84.7	86.0	86.3	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 16000	39.7	84.7	86.7	86.3	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 14000	40.0	85.0	86.3	86.7	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 12000	40.3	85.7	87.3	88.0	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 10000	41.7	88.3	90.0	90.7	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 9000	41.7	88.3	90.0	90.7	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 8000	42.0	90.0	91.7	92.3	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 7000	42.3	90.7	92.7	93.3	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 6000	42.3	91.0	93.0	93.7	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 5000	42.0	91.3	93.3	94.0	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 4500	42.3	91.7	93.7	94.3	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 4000	42.7	92.0	94.0	94.7	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3500	42.7	92.0	94.0	94.7	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3000	42.7	92.0	94.0	94.7	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500	43.0	92.3	94.3	95.0	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2000	43.3	93.3	95.3	96.0	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800	43.3	93.3	95.3	96.0	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1500	44.3	95.0	97.3	98.0	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	44.7	95.7	98.0	98.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	44.7	95.7	98.0	98.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	44.7	96.0	98.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	44.7	96.0	98.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	44.7	96.0	98.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	44.7	96.3	98.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	44.7	96.0	98.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	44.7	96.0	98.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	44.7	96.0	98.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	44.7	96.0	98.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	44.7	96.0	98.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	44.7	96.0	98.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET 5605



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

1 [illegible] | HARLINGEN, TX (STATION NAME) | 73-82 (YEARS) | SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	59.3	61.7	63.5	64.2	64.5	64.8	65.0	65.[illegible]	65.3	65.4	65.4	65.5	65.5	65.5	65.5
≥ 20000	22.5	69.3	7[illegible].0	73.8	74.8	75.2	75.6	75.7	75.7	75.9	76.0	76.0	76.1	76.1	76.1	76.1
≥ 18000	22.5	69.3	72.5	73.9	74.8	74.9	75.2	75.7	75.7	76.0	76.0	76.0	76.1	76.1	76.1	76.2
≥ 16000	22.5	69.4	72.1	73.[illegible]	74.9	75.0	75.5	75.8	75.8	76.0	76.1	76.1	76.2	76.2	76.2	76.3
≥ 14000	22.7	69.9	72.7	74.8	75.4	75.8	76.1	76.3	76.4	76.6	76.7	76.7	76.8	76.8	76.8	76.8
≥ 12000	22.[illegible]	71.[illegible]	74.[illegible]	76.3	77.[illegible]	77.[illegible]	78.2	78.[illegible]	78.[illegible]	78.7	78.8	78.8	78.8	78.8	78.8	78.9
≥ 10000	23.4	73.9	76.8	78.8	79.8	80.0	80.7	80.9	81.0	81.2	81.3	81.3	81.4	81.4	81.4	81.4
≥ 9000	23.[illegible]	74.[illegible]	76.8	78.9	79.9	80.[illegible]	80.8	81.[illegible]	81.1	81.3	81.4	81.4	81.5	81.5	81.5	81.5
≥ 8000	23.[illegible]	76.0	79.1	81.2	82.2	82.4	83.2	83.4	83.5	83.7	83.8	83.8	83.9	83.9	83.9	83.9
≥ 7000	24.[illegible]	76.7	80.[illegible]	82.2	83.[illegible]	83.[illegible]	84.2	84.4	84.6	84.8	85.0	85.0	85.0	85.0	85.1	85.1
≥ 6000	24.[illegible]	77.0	80.[illegible]	82.3	83.6	83.9	84.7	84.9	85.0	85.2	85.3	85.3	85.4	85.4	85.4	85.5
≥ 5000	24.1	77.[illegible]	81.[illegible]	82.6	83.9	84.1	84.9	85.2	85.3	85.5	85.6	85.6	85.7	85.7	85.7	85.8
≥ 4500	24.1	77.3	81.[illegible]	82.9	84.[illegible]	84.2	85.[illegible]	85.3	85.3	85.6	85.[illegible]	85.7	85.8	85.8	85.8	85.[illegible]
≥ 4000	24.2	77.[illegible]	81.1	83.3	84.3	84.6	85.5	85.8	85.9	86.1	86.2	86.2	86.3	86.3	86.3	86.4
≥ 3500	24.5	78.5	81.9	84.1	85.3	85.5	86.3	86.5	86.6	86.9	87.[illegible]	87.0	87.0	87.0	87.1	87.1
≥ 3000	25.[illegible]	80.[illegible]	83.7	86.0	87.[illegible]	87.[illegible]	88.[illegible]	88.7	88.8	89.[illegible]	89.1	89.1	89.2	89.2	89.2	89.3
≥ 2500	25.[illegible]	82.0	85.4	87.8	89.0	89.3	90.2	90.4	90.5	90.8	90.9	90.9	91.0	91.0	91.0	91.[illegible]
≥ 2000	26.[illegible]	84.[illegible]	87.7	90.1	91.[illegible]	91.7	92.5	92.6	92.9	93.2	93.3	93.3	93.3	93.3	93.[illegible]	93.[illegible]
≥ 1800	26.7	84.9	88.0	90.3	91.[illegible]	92.0	92.9	93.2	93.3	93.5	93.6	93.6	93.7	93.7	93.8	93.8
≥ 1600	26.7	84.9	88.[illegible]	92.4	93.[illegible]	93.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]
≥ 1200	26.[illegible]	87.3	90.[illegible]	93.6	95.[illegible]	95.[illegible]	96.[illegible]	96.[illegible]	96.[illegible]	97.[illegible]	97.2	97.2	97.3	97.3	97.3	97.4
≥ 1000	26.[illegible]	87.[illegible]	91.[illegible]	93.[illegible]	95.[illegible]	96.[illegible]	97.[illegible]	97.[illegible]	97.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]
≥ 900	26.[illegible]	88.[illegible]	91.8	94.4	96.[illegible]	96.[illegible]	97.[illegible]	97.9	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	98.4	98.4	98.5	98.5
≥ 800	26.[illegible]	88.[illegible]	92.[illegible]	94.[illegible]	96.[illegible]	96.[illegible]	97.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]
≥ 700	26.[illegible]	88.4	92.[illegible]	95.1	96.[illegible]	97.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	99.[illegible]	99.[illegible]	99.1	99.1	99.1	99.2
≥ 600	26.[illegible]	88.[illegible]	92.[illegible]	95.[illegible]	96.[illegible]	97.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	99.1	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]
≥ 500	26.[illegible]	88.[illegible]	92.[illegible]	95.[illegible]	97.[illegible]	97.[illegible]	98.[illegible]	99.[illegible]	99.1	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.6	99.[illegible]
≥ 400	26.[illegible]	88.[illegible]	92.[illegible]	95.[illegible]	97.[illegible]	97.[illegible]	98.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.7	99.7	99.7	99.[illegible]
≥ 300	26.[illegible]	88.7	92.[illegible]	95.[illegible]	97.[illegible]	97.[illegible]	98.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	[illegible].0
≥ 200	26.[illegible]	88.7	92.[illegible]	95.[illegible]	97.[illegible]	97.[illegible]	98.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	[illegible].0
≥ 100	26.[illegible]	88.7	92.4	95.6	97.3	97.6	98.[illegible]	99.1	99.[illegible]	99.[illegible]	99.7	99.7	99.8	99.8	99.9	[illegible].0
≥ 0	26.[illegible]	88.7	92.[illegible]	95.[illegible]	97.[illegible]	97.[illegible]	98.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	[illegible].0

TOTAL NUMBER OF OBSERVATIONS 2[illegible]00

DIRNAVOCEANMET 9M06



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

1 [illegible] [illegible] ILL, TX — 1-62 — OCT

STATION — STATION NAME — YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 7/16	≥ ¼	≥ 0
NO CEILING	73.[illegible]	76.3	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 20000	73.6	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 18000	73.6	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.8
≥ 16000	73.6	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.8
≥ 14000	73.9	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	77.1
≥ 12000	73.9	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	77.1
≥ 10000	75.2	77.7	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.7
≥ 9000	75.2	77.7	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.7
≥ 8000	78.1	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.6
≥ 7000	79.3	81.6	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.6
≥ 6000	79.6	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.9
≥ 5000	82.9	85.5	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.5
≥ 4500	83.2	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.8
≥ 4000	86.5	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	88.1
≥ 3500	85.2	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.7
≥ 3000	86.5	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	90.0
≥ 2500	87.7	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.3
≥ 2000	88.4	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.9
≥ 1800	88.7	91.3	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.3
≥ 1500	91.3	93.9	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	95.2
≥ 1200	92.9	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	97.1
≥ 1000	93.2	96.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.7
≥ 900	93.6	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	98.1
≥ 800	93.6	96.9	97.7	97.7	97.7	97.7	97.7	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.4
≥ 700	93.6	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.7
≥ 600	93.6	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.4
≥ 500	93.6	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.7
≥ 400	93.6	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.7
≥ 300	93.6	98.1	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 200	93.6	98.1	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 100	93.6	98.1	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	100.0
0	93.6	98.1	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET 3MOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION: [illegible] AT GREVILLE, TX | YEARS: 73-82 | MONTH: OCT | HOURS (LST): 04

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	61.[illegible]	67.6	67.1	68.7	69.0	69.4	69.7	69.7	70.0	70.7	70.7	70.7	70.7	71.[illegible]	71.3
≥ 20000	58.[illegible]	62.9	65.9	69.[illegible]	70.7	71.0	71.3	71.6	71.6	71.9	72.6	72.6	72.6	72.6	72.9	73.2
≥ 18000	58.[illegible]	62.[illegible]	65.9	69.[illegible]	70.7	71.[illegible]	71.3	71.6	71.6	71.9	72.6	72.6	72.6	72.6	72.9	73.2
≥ 16000	58.[illegible]	62.9	65.9	69.[illegible]	70.7	71.[illegible]	71.3	71.6	71.6	71.9	72.6	72.6	72.6	72.6	72.9	73.2
≥ 14000	57.9	63.6	66.1	69.7	71.3	71.6	71.9	72.3	72.3	72.6	73.2	73.2	73.2	73.2	73.5	73.9
≥ 12000	57.9	63.2	66.8	70.3	71.9	72.3	72.6	72.9	72.9	73.2	73.9	73.9	73.9	73.9	74.2	74.5
≥ 10000	[illegible]	65.5	68.4	71.9	73.6	73.9	74.2	74.5	74.5	74.8	75.5	75.5	75.5	75.5	75.8	76.1
≥ 9000	60.[illegible]	66.5	69.0	72.6	74.2	74.5	74.8	75.2	75.2	75.5	76.1	76.1	76.1	76.1	76.5	76.8
≥ 8000	59.4	65.7	71.3	74.8	76.5	76.8	77.1	77.4	77.4	77.7	78.4	78.4	78.4	78.4	78.7	79.[illegible]
≥ 7000	59.[illegible]	65.7	72.3	75.8	77.4	77.7	78.1	78.4	78.4	78.7	79.4	79.4	79.4	79.4	79.7	80.0
≥ 6000	[illegible].0	70.3	72.9	76.5	78.1	78.4	78.7	79.0	79.0	79.4	80.0	80.0	80.0	80.0	80.3	80.7
≥ 5000	[illegible].3	73.9	76.5	80.0	81.6	81.9	82.3	82.6	82.6	82.9	83.6	83.6	83.6	83.6	83.9	84.2
≥ 4500	[illegible].6	74.8	77.1	80.7	82.3	82.6	82.9	83.2	83.2	83.6	84.2	84.2	84.2	84.2	84.5	84.8
≥ 4000	[illegible].3	75.8	78.4	81.9	83.6	83.9	84.2	84.5	84.5	84.8	85.5	85.5	85.5	85.5	85.8	86.1
≥ 3500	[illegible].6	76.5	79.0	82.6	84.2	84.5	84.8	85.2	85.2	85.5	86.1	86.1	86.1	86.1	86.5	86.8
≥ 3000	[illegible].3	77.7	80.3	83.9	85.5	85.8	86.1	86.5	86.5	86.8	87.4	87.4	87.4	87.4	87.7	88.1
≥ 2500	[illegible].3	78.1	80.7	84.2	85.8	86.1	86.5	86.8	86.8	87.1	87.7	87.7	87.7	87.7	88.1	88.4
≥ 2000	[illegible].4	79.3	81.6	85.2	86.8	87.1	87.4	87.7	87.7	88.1	88.7	88.7	88.7	88.7	89.0	89.4
≥ 1800	[illegible].3	79.6	81.9	85.5	87.1	87.4	87.7	88.1	88.1	88.4	89.0	89.0	89.0	89.0	89.4	89.7
≥ 1500	[illegible].5	[illegible].3	82.5	86.1	87.7	88.1	88.4	88.7	88.7	89.0	89.7	89.7	89.7	89.7	90.0	90.3
≥ 1200	[illegible].3	83.6	86.1	89.7	91.3	91.6	92.3	92.6	92.6	92.9	93.6	93.6	93.9	93.9	94.2	94.5
≥ 1000	[illegible].5	84.8	87.4	91.0	92.6	93.2	93.6	93.9	93.9	94.2	94.8	94.8	95.2	95.2	95.5	95.8
≥ 900	[illegible].8	85.8	88.4	91.9	93.6	94.2	94.5	94.8	94.8	95.2	95.8	95.8	96.1	96.1	96.5	96.8
≥ 800	[illegible].3	86.8	89.4	92.9	94.8	95.2	95.5	95.8	95.8	96.1	96.8	96.8	97.1	97.1	97.4	97.7
≥ 700	[illegible].8	87.1	89.7	93.6	95.2	95.8	96.1	96.5	96.5	96.8	97.4	97.4	97.7	97.7	98.1	98.4
≥ 600	[illegible].3	87.4	90.3	93.9	95.8	96.1	96.5	96.8	96.8	97.1	97.7	97.7	98.1	98.1	98.4	98.7
≥ 500	[illegible].8	87.4	90.3	94.2	95.8	96.5	96.8	97.1	97.4	97.7	98.4	98.4	98.7	99.0	99.4	99.7
≥ 400	[illegible].8	87.4	90.7	94.5	96.1	96.8	97.1	97.7	97.7	98.1	98.7	98.7	99.0	99.4	99.7	100.0
≥ 300	[illegible].8	87.4	90.7	94.5	96.1	96.8	97.1	97.7	97.7	98.1	98.7	98.7	99.0	99.4	99.7	100.0
≥ 200	[illegible].8	87.4	90.7	94.5	96.1	96.8	97.1	97.7	97.7	98.1	98.7	98.7	99.0	99.4	99.7	100.0
≥ 100	[illegible].8	87.4	90.7	94.5	96.1	96.8	97.1	97.7	97.7	98.1	98.7	98.7	99.0	99.4	99.7	100.0
≥ 0	[illegible].8	87.4	90.7	94.5	96.1	96.8	97.1	97.7	97.7	98.1	98.7	98.7	99.0	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]31

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
13729	ASHEVILLE, NC	72-82	OCT

HOURS (LST) ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING	22.4	48.4	51.9	55.5	58.1	58.1	61.0	61.3	61.7	61.9	62.9	62.9	63.2	63.2	64.5	65.8
≥ 20000	22.4	50.7	54.2	57.7	60.3	60.3	63.2	63.6	63.6	64.2	65.2	65.2	65.5	65.5	67.1	68.7
≥ 18000	22.4	50.7	54.2	57.7	60.3	60.3	63.2	63.6	63.6	64.2	65.2	65.2	65.5	65.5	67.1	68.7
≥ 16000	22.4	50.7	54.2	57.7	60.3	60.3	63.2	63.6	63.6	64.2	65.2	65.2	65.5	65.5	67.1	68.7
≥ 14000	23.2	51.3	54.8	58.4	61.0	61.0	63.9	64.2	64.2	64.8	65.8	65.8	66.1	66.1	67.7	69.4
≥ 12000	23.2	51.3	55.2	58.7	61.3	61.3	64.2	64.5	64.5	65.2	66.1	66.1	66.5	66.5	68.1	69.7
≥ 10000	23.5	52.1	56.8	60.3	62.9	62.9	65.8	66.1	66.1	66.8	67.7	67.7	68.4	68.4	70.0	71.6
≥ 9000	23.5	53.2	57.1	60.7	63.2	63.2	66.1	66.5	66.5	67.1	68.1	68.1	68.7	68.7	70.3	71.9
≥ 8000	23.2	55.2	59.4	62.9	65.5	65.5	68.4	68.7	69.0	69.7	70.7	70.7	71.3	71.3	72.9	74.5
≥ 7000	23.5	56.1	60.3	63.9	66.5	66.5	69.4	69.7	70.0	70.7	71.6	71.6	72.3	72.3	73.9	75.5
≥ 6000	25.8	57.1	61.3	64.8	67.4	67.4	70.3	70.7	71.0	71.6	72.6	72.6	73.2	73.2	74.8	76.4
≥ 5000	25.8	58.4	62.6	66.1	69.0	69.0	71.9	72.3	72.6	73.2	74.2	74.2	74.8	74.8	76.5	78.1
≥ 4500	26.1	58.4	62.6	66.1	69.0	69.0	71.9	72.3	72.6	73.2	74.2	74.2	74.8	74.8	76.5	78.1
≥ 4000	26.8	59.4	63.6	67.1	70.0	70.0	72.9	73.2	73.6	74.2	75.2	75.2	75.8	75.8	77.4	79.0
≥ 3500	28.1	61.3	66.8	70.3	73.2	73.2	76.1	76.5	76.8	77.4	78.4	78.4	79.0	79.0	80.7	82.3
≥ 3000	28.4	63.6	68.4	71.9	74.8	74.8	77.7	78.1	78.4	79.0	80.0	80.0	80.7	80.7	82.3	83.9
≥ 2500	29.4	65.2	70.0	73.9	76.8	76.8	79.7	80.0	80.3	81.0	81.9	81.9	82.6	82.6	84.2	85.8
≥ 2000	29.4	67.4	72.3	76.1	79.0	79.0	81.9	82.3	82.6	83.2	84.2	84.2	84.8	84.8	86.5	88.1
≥ 1800	29.4	67.4	72.3	76.1	79.0	79.0	81.9	82.3	82.6	83.2	84.2	84.2	84.8	84.8	86.5	88.1
≥ 1500	29.4	69.4	74.8	78.0	81.9	81.9	84.8	85.2	85.5	86.1	87.1	87.1	87.7	87.7	89.4	91.0
≥ 1200	29.4	70.0	75.8	80.0	82.9	82.9	85.8	86.1	86.5	87.1	88.1	88.1	88.7	88.7	90.3	91.9
≥ 1000	29.4	70.7	77.1	81.3	84.2	84.2	87.1	87.4	87.7	88.4	89.4	89.4	90.0	90.0	91.6	93.6
≥ 900	29.7	71.0	77.4	81.6	84.5	84.5	87.4	87.7	88.1	88.7	89.7	89.7	90.3	90.3	91.9	93.9
≥ 800	29.7	71.0	77.4	81.6	84.5	84.5	87.4	87.7	88.1	88.7	89.7	89.7	90.3	90.3	91.9	93.9
≥ 700	29.7	71.6	78.1	82.3	85.2	85.2	88.1	88.4	88.7	89.4	90.3	90.3	91.0	91.0	92.6	94.5
≥ 600	29.7	72.6	79.0	83.2	86.3	86.1	89.0	89.4	89.7	90.3	91.3	91.3	92.3	92.3	93.9	95.8
≥ 500	29.7	73.2	79.7	83.9	87.1	87.1	90.0	90.3	90.7	91.3	92.6	92.6	93.6	93.6	95.2	97.1
≥ 400	29.7	73.4	80.3	84.5	87.7	87.7	90.7	91.3	91.6	92.3	93.6	93.6	94.5	94.5	96.1	98.1
≥ 300	29.7	74.2	81.0	85.2	88.4	88.4	91.3	91.9	92.6	93.2	94.5	94.5	95.5	95.5	97.1	99.0
≥ 200	29.7	74.2	81.0	85.2	88.4	88.4	91.3	91.9	92.6	93.2	94.5	94.5	95.5	95.5	97.1	99.7
≥ 100	29.7	74.2	81.0	85.2	88.4	88.4	91.3	91.9	92.6	93.2	94.5	94.5	95.5	95.5	97.1	99.7
≥ 0	29.7	74.2	81.0	85.2	88.4	88.4	91.3	91.9	92.6	93.2	94.5	94.5	95.5	95.5	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 1110

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION [illegible] STATION NAME [illegible], TX YEARS 73-82 MONTH OCT HOURS (L S T) 0

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	11.[illegible]	52.6	56.[illegible]	58.7	58.7	58.7	58.7	59.0	59.0	59.0	59.[illegible]	59.0	59.0	59.[illegible]	59.4	59.[illegible]
≥ 20000	12.3	55.2	5[illegible]	61.6	61.6	61.7	61.[illegible]	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.6	62.6
≥ 18000	12.3	55.2	5[illegible]	61.6	61.6	61.9	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.6	62.6
≥ 16000	12.3	55.2	5[illegible]	61.6	61.6	61.9	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.6	62.6
≥ 14000	12.3	56.1	6[illegible]	62.9	62.9	63.2	63.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.2	64.2
≥ 12000	12.3	57.1	61.6	64.2	64.2	64.5	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.5	65.5
≥ 10000	12.3	59.4	63.2	65.8	65.8	66.1	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	67.1	67.1
≥ 9000	12.3	59.7	63.5	67.1	67.1	67.4	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.4	68.4
≥ 8000	12.[illegible]	[illegible].9	67.7	70.3	70.3	70.7	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.6	71.6
≥ 7000	12.[illegible]	63.9	68.7	71.3	71.3	71.6	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.6	72.6
≥ 6000	12.[illegible]	64.2	69.[illegible]	71.9	71.9	72.3	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.2	73.2
≥ 5000	12.[illegible]	64.5	7[illegible].0	72.6	72.6	72.9	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.9	73.9
≥ 4500	12.[illegible]	64.5	7[illegible].0	72.6	72.6	72.9	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.9	73.9
≥ 4000	12.[illegible]	65.2	7[illegible].7	73.6	73.6	73.9	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.8	74.8
≥ 3500	13.2	67.1	72.9	75.8	75.8	76.1	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	77.1	77.1
≥ 3000	13.2	67.7	73.8	77.7	78.1	78.4	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.4	79.4
≥ 2500	13.2	71.6	77.7	80.7	81.3	81.6	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.6	82.6
≥ 2000	13.[illegible]	73.9	80.0	82.9	83.2	83.5	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.2	85.2
≥ 1800	13.[illegible]	73.9	80.3	83.2	84.2	84.5	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5
≥ 1500	13.[illegible]	77.4	83.9	87.1	88.1	88.4	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.4	89.4
≥ 1200	13.[illegible]	79.[illegible]	85.5	88.7	90.3	90.7	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.6	91.6
≥ 1000	13.[illegible]	80.7	87.1	90.3	91.9	92.6	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.6	93.6
≥ 900	13.[illegible]	81.3	87.7	91.0	92.6	93.2	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.2	94.2
≥ 800	13.[illegible]	82.3	88.7	91.9	93.6	94.2	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.5	95.8
≥ 700	13.[illegible]	82.9	89.4	92.9	94.5	95.2	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.5	96.8
≥ 600	13.[illegible]	82.9	89.7	93.2	94.8	95.8	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.8	97.1
≥ 500	13.[illegible]	82.9	90.0	93.6	95.2	96.1	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.4	97.7
≥ 400	13.[illegible]	82.9	90.3	93.9	95.5	96.5	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.7	98.1
≥ 300	13.[illegible]	82.9	9[illegible].3	93.9	95.5	96.8	97.4	97.7	98.1	98.1	98.4	98.4	98.4	98.4	99.[illegible]	99.4
≥ 200	13.[illegible]	82.9	9[illegible].3	93.9	95.5	96.8	97.4	97.7	98.1	98.1	98.4	98.4	98.4	98.7	99.4	99.7
≥ 100	13.[illegible]	82.9	9[illegible].3	93.9	95.5	96.8	97.4	97.7	98.1	98.1	98.4	98.4	98.4	98.7	99.[illegible]	100.0
≥ 0	13.[illegible]	82.9	9[illegible].3	93.9	95.5	96.8	97.4	97.7	98.1	98.1	98.4	98.4	98.4	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
18000																
16000																
14000																
12000																
10000																
9000																
8000																
7000																
6000																
5000																
4500																
4000																
3500																
3000																
2500																
2000																
1800																
1500																
1200																
1000																
900																
800																
700																
600																
500																
400																
300																
200																
100																
0																

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

1 | [illegible] | 72-82 | OCT

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1-
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 20000	[illegible]	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 18000	[illegible]	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 16000	[illegible]	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 14000	[illegible]	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 12000	[illegible]	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 10000	[illegible]	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 9000	[illegible]	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 8000	[illegible]	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 7000	[illegible]	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 6000	[illegible]	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 5000	[illegible]	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 4500	[illegible]	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 4000	[illegible]	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 3500	[illegible]	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3000	[illegible]	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2500	[illegible]	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2000	[illegible]	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1800	[illegible]	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1500	[illegible]	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200	[illegible]	95.2	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1000	[illegible]	95.2	95.5	96.1	96.1	96.1	96.1	96.5	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	[illegible]	95.3	96.1	97.1	97.1	97.1	97.1	97.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7
≥ 800	[illegible]	96.1	96.8	97.7	97.7	97.7	97.7	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	[illegible]	96.1	96.6	97.7	97.7	97.7	97.7	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	[illegible]	96.5	97.1	98.1	98.1	98.1	98.1	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	[illegible]	96.8	97.4	98.4	98.4	98.4	98.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	[illegible]	97.1	97.7	98.7	98.7	98.7	98.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	[illegible]	97.1	97.7	98.7	98.7	98.7	98.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	[illegible]	97.1	97.7	98.7	98.7	98.7	98.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	[illegible]	97.1	97.7	98.7	98.7	98.7	98.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
0	[illegible]	97.1	97.7	98.7	98.7	98.7	98.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

1 [illegible] STATION | [illegible]VILLE, NC STATION NAME | [illegible] YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	4.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	[illegible]
≥ 20000	[illegible]	71.4	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 18000	[illegible]	71.4	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 16000	[illegible]	71.4	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 14000	[illegible]	72.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 12000	[illegible]	74.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 10000	[illegible]	78.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	[illegible]
≥ 9000	[illegible]	78.7	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	[illegible]
≥ 8000	[illegible]	1.6	83.2	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 7000	[illegible]	2.6	84.2	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.6
≥ 6000	[illegible]	3.6	85.2	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 5000	[illegible]	5.2	87.1	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4500	[illegible]	85.5	87.4	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 4000	[illegible]	86.4	88.7	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3500	[illegible]	88.4	90.3	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3000	[illegible]	91.0	92.9	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2500	[illegible]	91.9	93.9	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2000	[illegible]	92.9	94.8	95.2	95.5	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1800	[illegible]	93.2	95.2	95.5	95.8	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	[illegible]	93.9	95.8	96.1	96.5	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	[illegible]	94.2	96.1	96.5	96.8	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000	[illegible]	94.5	96.5	96.8	97.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 900	[illegible]	94.5	96.5	96.8	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	[illegible]	95.2	97.1	97.4	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	[illegible]	95.2	97.1	97.4	98.1	98.1	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	[illegible]	95.2	97.1	97.4	98.1	98.1	98.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7
≥ 500	[illegible]	95.2	97.1	97.7	98.4	98.4	98.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 400	[illegible]	95.2	97.1	97.7	98.4	98.4	98.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 300	[illegible]	95.2	97.1	97.7	98.4	98.4	98.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 200	[illegible]	95.2	97.1	97.7	98.4	98.4	98.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 100	[illegible]	95.2	97.1	97.7	98.4	98.4	98.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
0	[illegible]	95.2	97.1	97.7	98.4	98.4	98.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 119

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] | ASHEVILLE, [illegible] | 73-82 | OCT

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	73.2	73.9	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 20000	[illegible]	76.1	76.8	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 18000	[illegible]	76.1	76.8	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 16000	[illegible]	76.1	76.8	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 14000	[illegible]	76.1	76.8	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 12000	[illegible]	76.5	77.1	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 10000	[illegible]	79.4	80.0	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 9000	[illegible]	79.7	80.3	80.3	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 8000	[illegible]	84.8	85.8	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 7000	[illegible]	86.1	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 6000	[illegible]	86.1	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 5000	[illegible]	87.4	88.4	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4500	[illegible]	87.7	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 4000	[illegible]	89.4	90.3	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 3500	[illegible]	91.0	91.9	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3000	[illegible]	92.9	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2500	[illegible]	93.4	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2000	[illegible]	93.9	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1800	[illegible]	93.9	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1500	[illegible]	95.2	96.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1200	[illegible]	95.5	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	[illegible]	96.5	97.4	97.4	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	[illegible]	96.5	97.4	97.4	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	[illegible]	96.5	97.4	97.4	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	[illegible]	96.5	97.4	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	[illegible]	96.5	97.7	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	[illegible]	96.5	97.7	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	[illegible]	96.5	97.7	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	[illegible]	96.5	97.7	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	[illegible]	96.5	97.7	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	[illegible]	96.5	97.7	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	[illegible]	96.5	97.7	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] | [illegible]GSVILLE, [illegible] | [illegible]-80 | OCT

STATION | STATION NAME | YEARS | MONTH

ALL

HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	58.2	60.0	61.2	61.7	61.8	62.2	62.3	62.3	62.4	62.6	62.6	62.7	62.7	62.9	63.2
≥ 20000	[illegible]	62.2	64.0	65.2	65.8	65.9	66.3	66.4	66.4	66.5	66.7	66.7	66.8	66.8	67.1	67.3
≥ 18000	[illegible]	62.2	64.0	65.3	65.9	65.9	66.3	66.5	66.5	66.6	66.8	66.8	66.8	66.8	67.1	67.4
≥ 16000	[illegible]	62.2	64.0	65.3	65.9	65.9	66.3	66.5	66.5	66.6	66.8	66.8	66.8	66.8	67.1	67.4
≥ 14000	[illegible]	62.9	64.7	66.0	66.5	66.6	67.1	67.2	67.2	67.3	67.5	67.5	67.5	67.5	67.8	68.1
≥ 12000	[illegible]	63.0	65.0	66.9	67.4	67.5	67.9	68.1	68.1	68.2	68.4	68.4	68.4	68.4	68.7	69.0
≥ 10000	[illegible]	65.9	67.9	69.2	69.7	69.8	70.2	70.4	70.4	70.5	70.7	70.7	70.8	70.8	71.1	71.3
≥ 9000	[illegible]	66.3	68.6	69.8	70.4	70.5	70.9	71.1	71.1	71.2	71.4	71.4	71.5	71.5	71.7	72.0
≥ 8000	[illegible]	69.5	71.7	73.0	73.6	73.7	74.1	74.2	74.3	74.4	74.6	74.6	74.7	74.7	75.0	75.2
≥ 7000	[illegible]	70.4	72.5	73.9	74.5	74.6	75.0	75.1	75.2	75.3	75.5	75.5	75.6	75.6	75.9	76.1
≥ 6000	[illegible]	70.9	73.1	74.4	75.0	75.1	75.5	75.7	75.7	75.8	76.0	76.0	76.1	76.1	76.4	76.7
≥ 5000	[illegible]	72.6	74.8	76.2	76.8	76.9	77.3	77.5	77.5	77.6	77.8	77.8	77.9	77.9	78.2	78.5
≥ 4500	[illegible]	73.1	75.3	76.7	77.3	77.4	77.8	77.9	78.0	78.1	78.3	78.3	78.4	78.4	78.7	79.0
≥ 4000	[illegible]	74.9	76.7	78.1	78.8	78.8	79.3	79.4	79.4	79.6	79.8	79.8	79.8	79.8	80.1	80.4
≥ 3500	[illegible]	76.9	79.3	80.7	81.3	81.4	81.8	81.9	82.0	82.1	82.3	82.3	82.4	82.4	82.7	82.9
≥ 3000	[illegible]	80.3	82.8	84.2	84.8	84.9	85.4	85.5	85.5	85.7	85.9	85.9	85.9	85.9	86.2	86.5
≥ 2500	[illegible]	83.0	85.5	87.0	87.7	87.8	88.2	88.4	88.4	88.5	88.7	88.7	88.8	88.8	89.1	89.4
≥ 2000	[illegible]	84.8	87.3	88.8	89.6	89.7	90.2	90.3	90.4	90.5	90.7	90.7	90.8	90.8	91.1	91.3
≥ 1800	[illegible]	85.0	87.7	89.1	89.9	90.0	90.5	90.7	90.7	90.8	91.0	91.0	91.1	91.1	91.4	91.7
≥ 1500	[illegible]	87.1	89.5	91.0	92.2	92.3	92.8	93.0	93.0	93.2	93.4	93.4	93.5	93.5	93.8	94.1
≥ 1200	[illegible]	88.1	90.9	92.5	93.4	93.5	94.0	94.2	94.2	94.4	94.6	94.6	94.7	94.7	95.0	95.3
≥ 1000	[illegible]	88.7	91.6	93.3	94.2	94.4	94.9	95.1	95.1	95.3	95.5	95.5	95.7	95.7	95.9	96.3
≥ 900	[illegible]	89.3	92.1	93.8	94.8	95.0	95.4	95.7	95.7	95.9	96.1	96.1	96.3	96.3	96.5	96.9
≥ 800	[illegible]	89.6	92.7	94.4	95.3	95.5	96.0	96.3	96.3	96.5	96.7	96.7	96.8	96.8	97.1	97.5
≥ 700	[illegible]	89.9	92.9	94.8	95.7	95.9	96.5	96.7	96.8	96.9	97.2	97.2	97.3	97.3	97.6	97.9
≥ 600	[illegible]	90.2	93.4	95.2	96.3	96.5	97.1	97.4	97.5	97.6	97.9	97.9	98.1	98.1	98.4	98.7
≥ 500	[illegible]	90.3	93.6	95.5	96.5	96.8	97.4	97.6	97.8	98.0	98.3	98.3	98.5	98.6	98.8	99.2
≥ 400	[illegible]	90.4	93.8	95.7	96.8	97.0	97.6	98.1	98.1	98.3	98.6	98.6	98.8	98.8	99.1	99.5
≥ 300	[illegible]	90.6	93.8	95.8	96.9	97.1	97.7	98.2	98.4	98.6	98.9	98.9	99.1	99.1	99.4	99.8
≥ 200	[illegible]	90.6	93.8	95.8	96.9	97.1	97.7	98.2	98.4	98.6	98.9	98.9	99.1	99.2	99.5	99.9
≥ 100	[illegible]	90.6	93.8	95.8	96.9	97.1	97.7	98.2	98.4	98.6	98.9	98.9	99.1	99.2	99.5	100.0
≥ 0	[illegible]	90.6	93.8	95.8	96.9	97.1	97.7	98.2	98.4	98.6	98.9	98.9	99.1	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2880

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] STATION | KINGSVILLE, TX STATION NAME | 73-82 YEARS | NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	58.7	6 .0	60.3	61.0	61.0	62.0	62.3	62.3	62.3	62.3	62.3	62.7	63.0	63.3	63.7
≥ 20000	[illegible]	60.7	62.3	62.7	63.3	63.3	64.3	64.7	64.7	64.7	64.7	64.7	64.7	65.0	65.3	65.7
NW 18000	[illegible]	60.7	62.3	62.7	63.3	63.3	64.3	64.7	64.7	64.7	64.7	64.7	64.7	65.0	65.3	65.7
NW 16000	[illegible]	60.7	62.3	62.7	63.3	63.3	64.3	64.7	64.7	64.7	64.7	64.7	64.7	65.0	65.3	65.7
NW 14000	[illegible]	60.7	62.3	62.7	63.3	63.3	64.3	64.7	64.7	64.7	64.7	64.7	64.7	65.0	65.3	65.7
NW 12000	[illegible]	60.7	62.3	62.7	63.3	63.3	64.3	64.7	64.7	64.7	64.7	64.7	64.7	65.0	65.3	65.7
NW 10000	[illegible]	61.0	62.7	63.0	63.7	63.7	64.7	65.0	65.0	65.0	65.0	65.0	65.3	65.7	66.0	66.3
NW 9000	[illegible]	61.3	63.0	63.3	64.0	64.0	65.0	65.3	65.3	65.3	65.3	65.3	65.7	66.0	66.3	66.7
NW 8000	[illegible]	64.0	65.7	66.0	66.7	66.7	67.7	68.0	68.0	68.0	68.0	68.0	68.3	68.7	69.0	69.3
NW 7000	[illegible]	65.3	67.0	67.3	68.0	68.0	69.0	69.3	69.3	69.3	69.3	69.3	69.7	70.0	70.3	70.7
NW 6000	[illegible]	66.0	67.7	68.0	68.7	68.7	69.7	70.0	70.0	70.0	70.0	70.0	70.3	70.7	71.0	71.3
NW 5000	[illegible]	69.3	71.0	71.3	72.0	72.0	73.0	73.3	73.3	73.3	73.3	73.3	73.7	74.0	74.3	74.7
NW 4500	[illegible]	70.0	71.7	72.0	72.7	72.7	73.7	74.0	74.0	74.0	74.0	74.0	74.3	74.7	75.0	75.3
NW 4000	[illegible]	70.7	72.3	72.7	73.3	73.3	74.3	74.7	74.7	74.7	74.7	74.7	75.0	75.3	75.7	76.0
NW 3500	[illegible]	72.3	74.0	74.3	75.0	75.0	76.0	76.3	76.3	76.3	76.3	76.3	76.7	77.0	77.3	77.7
NW 3000	[illegible]	73.7	75.3	75.7	76.7	76.7	77.7	78.0	78.3	78.0	78.0	78.0	78.3	78.7	79.0	79.3
NW 2500	[illegible]	75.3	77.0	77.3	78.3	78.3	79.3	79.7	79.7	79.7	79.7	79.7	80.0	80.3	80.7	81.0
NW 2000	[illegible]	77.3	79.0	79.3	80.3	80.3	81.3	81.7	81.7	81.7	81.7	81.7	82.0	82.3	82.7	83.0
NW 1800	[illegible]	78.0	79.7	80.0	81.0	81.0	82.0	82.3	82.3	82.3	82.3	82.3	82.7	83.0	83.3	83.7
NW 1500	[illegible]	80.3	82.3	83.0	84.0	84.0	85.0	85.3	85.3	85.3	85.3	85.3	85.7	86.0	86.3	86.7
NW 1200	[illegible]	82.7	85.0	85.7	87.0	87.0	88.0	88.3	88.3	88.3	88.3	88.3	88.7	89.0	89.3	89.7
NW 1000	[illegible]	84.7	87.3	88.0	89.3	89.3	90.3	90.7	90.7	90.7	90.7	90.7	91.0	91.3	91.7	92.0
NW 900	[illegible]	84.7	87.3	88.0	89.3	89.3	90.3	90.7	90.7	90.7	90.7	90.7	91.0	91.3	91.7	92.0
NW 800	[illegible]	86.0	87.0	89.7	91.0	91.0	92.0	92.3	92.3	92.3	92.3	92.3	92.7	93.0	93.3	93.7
NW 700	[illegible]	86.3	89.3	90.0	91.3	91.3	92.3	92.7	92.7	92.7	92.7	92.7	93.0	93.3	93.7	94.
NW 600	[illegible]	86.7	89.7	90.7	92.0	92.0	93.0	93.3	93.3	93.3	93.3	93.3	93.7	94.0	94.3	94.7
NW 500	[illegible]	87.3	90.3	91.3	93.0	93.0	94.0	94.3	94.3	94.3	94.3	94.3	94.7	95.0	95.3	95.7
NW 400	[illegible]	87.3	90.3	93.0	94.7	95.0	96.0	96.3	96.3	96.3	96.3	96.3	96.7	97.0	97.3	97.7
NW 300	[illegible]	87.3	91.7	93.3	95.0	95.3	96.3	96.7	96.7	96.7	96.7	96.7	97.0	97.3	97.7	98.0
NW 200	[illegible]	87.7	91.0	93.7	95.3	95.7	96.7	97.0	97.0	97.0	97.0	97.0	97.3	97.7	98.0	98.3
NW 100	[illegible]	87.7	91.0	93.7	95.3	95.7	96.7	97.0	97.0	97.0	97.0	97.0	97.3	97.7	98.0	98.3
0	[illegible]	87.7	91.0	93.7	95.3	95.7	96.7	97.0	97.0	97.0	97.0	97.0	97.3	97.7	98.0	98.3

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

1 [illegible] — STATION

[illegible]VILLE, TX — STATION NAME

[illegible]-87 — YEARS

NOV — MONTH

[illegible] — HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING	71.[illegible]	47.3	48.7	[illegible]	52.3	2.3	53.7	53.7	53.7	54.3	54.3	54.3	54.3	54.7	55.3	57.[illegible]
≥ 20000	71.3	47.7	49.0	51.0	52.7	52.7	54.0	54.3	54.3	55.3	55.3	55.3	55.3	55.7	56.3	58.3
≥ 18000	71.3	47.7	49.0	51.0	52.7	52.7	54.0	54.3	54.3	55.3	55.3	55.3	55.3	55.7	56.3	58.3
≥ 16000	71.3	47.7	49.0	51.0	52.7	52.7	54.0	54.3	54.3	55.3	55.3	55.3	55.3	55.7	56.3	58.3
≥ 14000	71.3	47.7	49.7	51.0	52.7	52.7	54.0	54.3	54.3	55.3	55.3	55.3	55.3	55.7	56.3	58.3
≥ 12000	71.3	48.0	49.3	51.3	53.0	53.0	54.3	54.7	54.7	55.7	55.7	55.7	55.7	56.[illegible]	56.7	58.7
≥ 10000	72.0	49.7	50.0	52.0	53.7	53.7	55.0	55.3	55.3	56.3	56.3	56.3	56.3	56.7	57.3	59.3
≥ 9000	72.[illegible]	49.0	50.3	52.3	54.0	54.0	55.3	55.7	55.7	56.7	56.7	56.7	56.7	57.[illegible]	57.7	59.7
≥ 8000	73.[illegible]	51.7	52.0	55.0	56.7	56.7	58.0	58.3	58.3	59.3	59.3	59.3	59.3	59.7	60.3	62.3
≥ 7000	74.0	52.3	53.7	55.7	57.3	57.3	58.7	59.0	59.0	60.0	60.0	60.0	60.0	60.3	61.3	63.3
≥ 6000	74.7	53.3	54.7	56.7	58.3	58.3	59.7	60.0	60.0	61.0	61.0	61.0	61.0	61.3	62.0	64.3
≥ 5000	77.3	56.3	57.7	60.0	61.7	61.7	63.0	63.3	63.3	64.3	64.3	64.3	64.3	64.7	65.3	67.3
≥ 4500	77.7	56.7	58.7	60.3	62.0	62.0	63.3	63.7	63.7	64.7	64.7	64.7	64.7	65.0	65.7	67.7
≥ 4000	77.3	57.0	58.3	60.7	62.3	62.3	63.7	64.0	64.0	65.0	65.0	65.0	65.0	65.3	66.0	68.0
≥ 3500	78.7	58.0	59.3	62.0	63.7	63.7	65.3	65.3	65.3	66.3	66.3	66.3	66.3	66.7	67.3	69.3
≥ 3000	78.7	59.0	60.3	63.0	64.7	64.7	66.0	66.3	66.3	67.3	67.3	67.3	67.3	67.7	68.3	70.3
≥ 2500	79.7	61.3	62.7	65.3	67.0	67.0	68.3	68.7	68.7	69.7	69.7	69.7	69.7	70.0	70.7	72.7
≥ 2000	80.3	64.3	65.7	68.3	70.0	70.0	71.3	71.7	71.7	72.7	72.7	72.7	72.7	73.0	73.7	75.7
≥ 1800	80.3	64.7	66.0	68.7	70.3	70.3	71.7	72.0	72.0	73.0	73.0	73.0	73.0	73.3	74.0	76.0
≥ 1500	81.3	68.3	70.0	72.7	74.3	74.3	75.7	76.0	76.0	77.0	77.0	77.0	77.3	77.7	78.3	80.3
≥ 1200	81.7	70.0	72.0	74.7	76.7	76.7	78.0	78.3	78.3	79.3	79.3	79.3	79.7	80.0	80.7	82.7
≥ 1000	82.0	72.7	74.7	77.3	79.3	79.3	80.7	81.0	81.0	82.0	82.0	82.0	82.3	82.7	83.3	85.3
≥ 900	82.3	73.7	76.0	78.7	80.7	80.7	82.0	82.3	82.3	83.3	83.3	83.3	83.7	84.0	84.7	86.7
≥ 800	82.3	74.7	77.7	80.3	82.3	82.3	83.7	84.0	84.0	85.0	85.0	85.0	85.3	85.7	86.3	88.3
≥ 700	82.3	75.0	78.0	81.0	83.0	83.0	84.3	84.7	84.7	85.7	85.7	85.7	86.0	86.3	87.0	89.0
≥ 600	82.3	76.7	79.7	82.7	84.7	84.7	86.0	86.3	86.3	87.3	87.3	87.3	87.7	88.[illegible]	88.7	90.7
≥ 500	82.3	77.3	80.7	84.0	86.0	86.0	88.0	88.3	88.3	89.3	89.3	89.3	90.0	90.3	91.0	93.0
≥ 400	82.3	77.7	81.3	85.0	87.3	87.3	89.7	90.0	90.0	91.3	91.3	91.3	92.0	92.[illegible]	93.0	95.0
≥ 300	82.3	78.3	82.3	86.0	88.3	88.3	90.7	91.0	91.0	92.3	92.3	92.3	93.0	93.3	94.3	96.3
≥ 200	82.3	78.3	82.3	86.0	88.3	88.3	90.7	91.0	91.0	92.3	92.3	92.3	93.0	93.3	94.3	96.3
≥ 100	82.3	78.3	82.3	86.0	88.3	88.3	90.7	91.0	91.0	92.3	92.3	92.3	93.0	93.7	94.7	98.0
≥ 0	82.3	78.3	82.3	86.0	88.3	88.3	90.7	91.0	91.0	92.3	92.3	92.3	93.3	93.7	94.7	98.0

TOTAL NUMBER OF OBSERVATIONS 1[illegible]0

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

1 [illegible] (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

All (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	42.0	44.3	45.0	45.7	46.3	47.0	47.7	47.7	48.0	48.0	49.7	49.3	[illegible]	[illegible]
≥ 20000	[illegible]	41.7	43.3	45.7	46.3	47.0	47.7	48.3	48.3	49.0	49.7	49.7	50.3	51.0	52.0	[illegible]
≥ 18000	[illegible]	41.7	43.3	45.7	46.3	47.0	47.7	48.3	48.3	49.0	49.7	49.7	50.3	51.0	52.0	54.3
≥ 16000	[illegible]	41.7	43.3	45.7	46.3	47.0	47.7	48.3	48.3	49.0	49.7	49.7	50.3	51.0	52.0	[illegible]
≥ 14000	[illegible]	41.7	43.3	45.7	46.3	47.0	47.7	48.3	48.3	49.0	49.7	49.7	50.3	51.0	52.0	54.3
≥ 12000	[illegible]	42.0	43.7	46.0	46.7	47.3	48.0	48.7	48.7	49.3	50.0	50.0	50.7	51.3	52.3	[illegible]
≥ 10000	[illegible]	42.7	44.3	46.7	47.3	48.0	48.7	49.3	49.3	50.0	50.7	50.7	51.3	52.0	53.0	55.3
≥ 9000	[illegible]	43.0	44.7	47.0	47.7	48.3	49.0	49.7	49.7	[illegible]	51.0	51.0	51.7	52.3	53.3	55.7
≥ 8000	[illegible]	44.3	46.0	48.3	49.0	49.7	50.3	51.0	51.0	51.7	52.3	52.3	53.0	53.7	54.7	57.0
≥ 7000	[illegible]	45.7	47.3	49.7	50.3	51.0	51.7	52.3	52.3	53.0	53.7	53.7	54.3	55.0	56.0	[illegible]
≥ 6000	[illegible]	46.7	47.7	50.0	50.7	51.3	52.0	52.7	52.7	53.3	54.0	54.0	54.7	55.3	56.3	58.7
≥ 5000	[illegible]	49.3	51.3	53.7	54.3	55.0	55.7	56.3	56.3	57.0	57.7	57.7	58.3	59.0	60.0	[illegible]
≥ 4500	[illegible]	50.0	52.0	54.3	55.0	55.7	56.3	57.0	57.0	57.7	58.3	58.3	59.0	59.7	60.7	[illegible]
≥ 4000	[illegible]	51.3	53.3	56.0	56.7	57.3	58.0	58.7	58.7	59.3	60.0	60.0	60.7	61.3	62.3	64.7
≥ 3500	[illegible]	53.0	55.0	58.0	58.7	59.3	60.0	60.7	60.7	61.3	62.0	62.0	62.7	63.3	64.3	66.7
≥ 3000	[illegible]	54.3	56.3	59.3	[illegible]	60.7	61.3	62.0	62.0	62.7	63.3	63.3	64.0	64.7	65.7	[illegible]
≥ 2500	[illegible]	58.0	60.0	63.0	63.7	64.3	65.0	65.7	65.7	66.3	67.0	67.0	67.7	68.3	69.3	71.7
≥ 2000	[illegible]	59.7	61.7	65.0	65.7	66.3	67.0	67.7	67.7	68.3	69.0	69.0	69.7	[illegible]	[illegible]	[illegible]
≥ 1800	[illegible]	60.3	62.3	65.7	66.3	67.0	67.7	68.3	68.3	69.0	69.7	69.7	[illegible]	71.0	72.0	74.3
≥ 1500	[illegible]	63.0	65.0	69.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	[illegible]	64.7	67.0	[illegible]	72.0	[illegible]	73.3	74.0	74.0	74.7	75.3	75.3	76.3	77.0	78.0	[illegible]
≥ 1000	[illegible]	66.3	68.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	67.3	[illegible]	75.0	75.7	76.3	77.0	77.7	77.7	78.3	79.3	79.3	80.3	81.0	82.0	84.3
≥ 800	[illegible]	69.3	72.0	77.0	77.7	78.3	79.0	79.7	79.7	80.3	81.3	81.3	82.3	83.0	84.0	[illegible]
≥ 700	[illegible]	69.7	72.7	77.7	78.3	79.0	79.7	80.3	80.3	81.0	82.0	82.0	[illegible]	83.7	84.7	87.0
≥ 600	[illegible]	70.7	74.0	79.0	79.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	72.0	75.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	72.0	76.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	72.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	72.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	72.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
0	[illegible]	72.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] | KI[illegible], TX | [illegible]-82 | NOV

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

09

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	13.4	37.9	39.8	42.8	44.2	44.2	44.2	44.5	44.8	45.2	45.5	45.5	46.2	46.2	46.2	46.2
≥ 20000	14.7	42.5	44.4	47.8	49.5	49.5	49.5	49.8	49.8	50.5	50.8	50.8	51.5	51.5	51.8	51.8
≥ 18000	14.7	42.5	44.8	47.8	49.5	49.5	49.5	49.8	49.8	50.5	50.8	50.8	51.5	51.5	51.8	51.8
≥ 16000	14.7	42.5	44.8	47.8	49.5	49.5	49.5	49.8	49.8	50.5	50.8	50.8	51.5	51.5	51.8	51.8
≥ 14000	14.7	42.5	44.8	47.8	49.5	49.5	49.5	49.8	49.8	50.5	50.8	50.8	51.5	51.5	51.8	51.8
≥ 12000	14.7	42.5	44.8	47.8	49.5	49.5	49.5	49.8	49.8	50.5	50.8	50.8	51.5	51.5	51.8	51.8
≥ 10000	15.1	43.5	45.8	49.2	50.8	50.8	50.8	51.2	51.2	51.8	52.2	52.2	52.8	52.8	53.2	53.2
≥ 9000	15.1	43.8	46.2	49.5	51.2	51.2	51.2	51.8	51.5	52.2	52.5	52.5	53.2	53.2	53.5	53.5
≥ 8000	15.1	45.5	48.2	51.8	53.5	53.5	53.5	54.2	54.2	54.9	55.2	55.2	55.9	55.9	56.2	56.2
≥ 7000	15.1	46.5	49.8	52.8	54.5	54.5	54.5	55.2	55.2	55.9	56.2	56.2	56.9	56.9	57.2	57.2
≥ 6000	15.4	47.8	51.5	54.5	56.2	56.2	56.2	56.9	56.9	57.5	57.9	57.9	58.5	58.5	58.9	58.9
≥ 5000	15.7	51.5	54.5	58.5	60.2	60.2	60.2	60.9	60.9	61.5	61.9	61.9	62.5	62.5	62.9	62.9
≥ 4500	17.1	52.2	55.5	59.5	61.2	61.2	61.2	61.9	61.9	62.5	62.9	62.9	63.6	63.6	63.9	63.9
≥ 4000	16.4	53.5	56.5	60.9	62.5	62.5	62.5	63.2	63.2	63.9	64.2	64.2	64.9	64.9	65.2	65.2
≥ 3500	16.4	56.5	59.9	63.2	63.9	63.9	63.9	64.6	64.6	65.2	65.6	65.6	66.2	66.2	66.6	66.6
≥ 3000	16.4	56.9	60.2	64.6	66.2	66.2	66.2	66.9	66.9	67.6	67.9	67.9	68.6	68.6	68.9	68.9
≥ 2500	16.7	58.5	61.9	66.2	67.9	67.9	67.9	68.6	68.6	69.2	69.6	69.6	70.2	70.2	70.6	70.6
≥ 2000	16.7	60.2	63.9	68.2	69.9	69.9	69.9	70.6	70.6	71.2	71.6	71.6	72.2	72.2	72.6	72.6
≥ 1800	16.7	60.5	64.2	68.8	70.2	70.2	70.2	71.2	71.2	71.9	72.2	72.2	72.9	72.9	73.2	73.2
≥ 1500	16.1	64.2	68.2	73.2	74.9	74.9	74.9	75.9	75.9	76.6	76.9	76.9	77.6	77.6	77.9	77.9
≥ 1200	15.7	66.6	70.9	76.6	78.3	78.3	78.6	79.6	79.6	80.3	80.6	80.6	81.3	81.3	81.6	81.6
≥ 1000	15.7	67.6	71.9	77.9	79.6	79.6	80.3	81.3	81.3	82.3	82.6	82.6	83.3	83.3	83.6	83.6
≥ 900	15.7	68.2	72.6	78.6	80.3	80.3	80.9	81.9	81.9	82.9	83.6	83.6	84.3	84.3	84.6	85.0
≥ 800	16.1	69.9	74.9	81.6	84.0	84.0	85.0	86.0	86.0	87.0	87.6	87.6	88.3	88.3	88.6	89.0
≥ 700	16.1	70.6	75.6	82.6	85.3	85.3	86.6	87.6	87.6	88.6	89.3	89.3	90.0	90.0	90.3	90.6
≥ 600	16.1	70.6	75.9	84.3	87.6	87.6	89.0	90.2	90.6	91.6	92.3	92.3	93.0	93.0	93.3	93.7
≥ 500	16.1	70.9	76.3	84.6	88.3	88.3	90.3	91.6	92.3	93.0	93.7	93.7	94.3	94.3	94.7	95.3
≥ 400	16.1	70.9	76.3	84.6	88.3	88.6	90.6	92.0	92.3	93.7	94.3	94.3	95.0	95.0	95.3	96.0
≥ 300	16.1	70.9	76.3	84.6	88.3	88.6	90.6	92.0	92.6	94.0	95.0	95.0	95.7	95.7	96.0	97.0
≥ 200	16.1	70.9	76.3	84.6	88.3	88.6	90.6	92.3	93.0	94.3	96.0	96.0	97.0	97.0	97.7	98.7
≥ 100	16.1	70.9	76.3	84.6	88.3	88.6	90.6	92.3	93.0	94.3	96.0	96.0	97.0	97.0	97.7	99.3
0	16.1	70.9	76.3	84.6	88.3	88.6	90.6	92.3	93.0	94.3	96.0	96.0	97.0	97.0	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 299

DIRNAVOCEANMET 5MOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

1 [illegible] | [illegible]VILLE, Tx | 73-82 | NOV

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

16

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible].1	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 20000	21.1	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 18000	21.1	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 16000	21.1	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 14000	21.1	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 12000	21.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 10000	21.7	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 9000	21.7	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 8000	21.7	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 7000	22.1	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 6000	22.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 5000	22.7	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 4500	23.1	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 4000	23.1	62.5	62.9	62.9	62.9	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 3500	23.1	63.9	64.2	64.2	64.2	64.2	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 3000	24.4	69.6	70.2	70.2	70.2	70.2	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 2500	25.4	77.3	77.6	77.9	77.9	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 2000	25.4	82.6	82.9	83.3	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1800	25.4	83.3	83.6	84.0	84.0	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 1500	26.4	86.6	87.3	88.0	88.0	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1200	26.4	87.1	89.3	90.3	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1000	26.4	88.3	91.3	93.0	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 900	26.4	88.3	91.6	93.7	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 800	26.4	89.0	92.3	94.3	94.7	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 700	26.4	89.3	92.6	94.7	95.3	95.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 600	26.4	89.3	92.6	94.7	95.7	96.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 500	26.4	89.3	92.6	94.7	95.7	96.7	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	26.4	89.3	92.6	95.0	96.0	97.3	98.7	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	26.4	89.3	92.6	95.0	96.3	97.3	98.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	26.4	89.3	92.6	95.0	96.0	97.3	98.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	26.4	89.3	92.6	95.0	96.0	97.3	98.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	26.4	89.3	92.6	95.0	96.0	97.3	98.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 229

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION [illegible] STATION NAME ASHEVILLE, [illegible] YEARS [illegible] MONTH NOV HOURS (LST) 19

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	23.[illegible]	57.5	57.5	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 18000	23.[illegible]	57.9	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 16000	23.[illegible]	57.9	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 14000	23.[illegible]	57.9	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 12000	24.1	59.2	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 10000	24.1	60.5	60.5	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 9000	24.1	60.9	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 8000	24.4	62.[illegible]	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 7000	24.[illegible]	64.9	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 6000	24.[illegible]	65.2	65.2	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 5000	25.[illegible]	67.4	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 4500	25.[illegible]	68.9	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 4000	26.[illegible]	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 3500	27.[illegible]	74.6	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 3000	27.[illegible]	80.6	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 2500	27.[illegible]	85.3	85.3	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2000	27.[illegible]	87.0	87.3	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1800	27.[illegible]	87.3	87.3	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1500	31.[illegible]	89.[illegible]	89.3	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1200	31.[illegible]	90.[illegible]	91.3	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1000	30.1	91.6	92.6	93.3	93.3	93.3	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 900	30.1	92.0	93.0	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 800	30.1	92.3	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 700	30.1	92.3	93.3	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 600	30.1	92.6	94.0	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 500	30.1	92.6	94.3	97.3	98.0	98.0	98.0	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	30.1	92.6	94.3	97.7	98.3	98.3	98.3	98.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	30.1	92.6	94.3	97.7	98.3	98.3	98.3	98.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	30.1	92.6	94.3	97.7	98.3	98.3	98.3	98.7	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 100	30.1	92.6	94.3	97.7	98.3	98.3	98.3	98.7	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0
0	30.1	92.6	94.3	97.7	98.3	98.3	98.3	98.7	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 299

DIRNAVOCEANMET 5MOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 14000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] ILLE, TX	[illegible]-81	NOV

HOURS (L S T) 21

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	57.7	61.0	61.7	62.3	63.0	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 20000	[illegible].3	65.3	66.0	66.3	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 18000	[illegible].3	65.3	66.7	66.3	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 16000	[illegible].3	65.3	66.7	66.3	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 14000	[illegible].3	65.7	66.3	66.7	67.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 12000	[illegible].3	66.3	67.0	67.3	68.3	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 10000	[illegible].7	67.0	67.7	68.0	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 9000	[illegible].1	67.3	68.0	68.3	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 8000	61.7	69.[illegible]	69.7	70.0	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 7000	62.7	70.3	71.0	71.3	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 6000	[illegible].4	71.7	72.3	72.7	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 5000	68.7	74.7	74.7	75.0	76.3	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 4500	[illegible].0	74.3	75.0	75.3	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 4000	[illegible].3	75.3	76.0	76.3	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 3500	[illegible].0	76.3	77.0	77.3	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 3000	[illegible].0	77.7	78.3	78.7	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2500	[illegible].7	80.7	81.3	81.7	83.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2000	[illegible].7	82.3	83.0	83.3	84.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1800	[illegible].7	82.3	83.0	83.3	84.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1500	[illegible].7	84.7	84.7	85.0	86.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1200	[illegible].7	87.3	88.0	88.7	90.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1000	[illegible].3	88.0	89.0	89.7	91.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 900	72.7	89.0	90.0	90.7	92.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 800	73.0	90.3	91.3	92.0	93.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 700	73.0	91.0	92.0	92.7	94.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 600	73.0	91.0	92.0	93.3	95.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 500	73.7	91.7	92.7	94.3	96.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 400	74.0	92.3	93.3	95.0	97.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 300	74.0	92.3	93.3	95.0	97.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	74.0	92.3	93.3	95.0	97.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0
≥ 100	74.0	92.3	93.3	95.0	97.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.7
0	74.0	92.3	93.3	95.0	97.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET 5MOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	5.	49.7	60.7	71.8	52.4	52.6	53.0	53.2	53.3	53.4	53.5	53.5	53.7	53.8	54.1	[illegible]
≥ 20000	[illegible]	54.8	55.2	56.2	57.0	57.1	57.5	57.7	57.7	58.0	58.1	58.1	58.3	58.5	58.8	[illegible]
≥ 18000	[illegible]	54.	55.2	56.3	57.0	7.2	57.5	57.7	57.7	58.0	58.2	58.2	58.4	58.5	58.8	[illegible]
≥ 16000	[illegible]	54.	55.2	56.3	57.[illegible]	57.2	57.5	57.7	57.7	58.0	58.2	58.2	58.4	58.5	58.8	[illegible]
≥ 14000	.1	54.1	55.3	56.4	57.1	57.2	57.6	57.9	57.8	58.1	58.2	58.2	58.5	58.6	58.9	[illegible]
≥ 12000	[illegible].2	54.5	55.7	56.7	57.5	57.6	58.[illegible]	58.2	58.2	58.5	58.6	58.6	58.8	58.[illegible]	59.3	[illegible]
≥ 10000	[illegible].4	55.4	56.6	57.7	58.5	58.7	59.[illegible]	59.2	59.2	59.5	59.7	59.7	59.9	60.0	60.3	[illegible]
≥ 9000	[illegible].5	55.[illegible]	57.1	58.2	59.[illegible]	59.2	59.8	59.7	59.7	6[illegible]	60.2	60.2	60.4	60.5	60.8	61.[illegible]
≥ 8000	[illegible].1	57.[illegible]	59.2	60.3	61.1	61.2	61.6	61.9	61.9	62.2	62.3	62.3	62.5	62.7	63.	[illegible]
≥ 7000	[illegible]	59.3	60.5	61.7	62.5	62.7	63.0	63.3	63.3	63.6	63.7	63.7	63.9	64.1	64.4	65.
≥ 6000	[illegible].2	[illegible].2	61.5	62.7	63.[illegible]	63.6	64.0	64.3	64.3	64.5	64.7	64.7	64.9	65.[illegible]	65.3	[illegible]
≥ 5000	[illegible]	63.[illegible]	64.3	65.6	66.4	66.5	66.9	67.2	67.2	67.5	67.6	67.6	67.8	68.[illegible]	69.2	[illegible]
≥ 4500	[illegible].[illegible]	63.7	64.[illegible]	65.4	67.1	67.3	67.7	67.9	67.9	68.2	68.[illegible]	68.3	68.5	68.7	69.[illegible]	[illegible]
≥ 4000	1.[illegible]	65.[illegible]	66.5	67.9	68.6	68.8	69.2	69.5	69.5	69.8	69.9	69.9	70.1	70.[illegible]	70.6	71.[illegible]
≥ 3500	[illegible].	66.5	68.0	69.4	70.[illegible]	70.3	70.8	71.[illegible]	71.[illegible]	71.[illegible]	71.4	71.4	71.6	71.8	72.1	[illegible]
≥ 3000	[illegible].[illegible]	66.2	70.[illegible]	72.1	72.9	73.1	73.6	73.8	73.8	74.1	74.2	74.2	74.4	74.6	74.9	75.[illegible]
≥ 2500	33.[illegible]	72.4	73.9	75.4	76.2	76.4	76.9	77.1	77.1	77.4	77.6	77.6	77.8	77.9	78.2	78.[illegible]
≥ 2000	[illegible].3	[illegible].[illegible]	75.4	77.9	78.7	78.9	79.4	79.6	79.6	8[illegible].0	80.1	80.1	[illegible].3	80.5	80.[illegible]	81.4
≥ 1800	34.1	76.2	76.8	78.3	79.[illegible]	79.3	79.8	80.1	80.1	80.4	80.5	80.5	80.7	80.9	81.2	81.[illegible]
≥ 1500	34.[illegible]	77.8	79.7	81.5	82.[illegible]	82.6	83.1	83.4	83.4	83.7	83.8	83.8	84.1	84.2	84.5	84.[illegible]
≥ 1200	35.[illegible]	79.6	81.9	83.9	84.8	85.[illegible]	85.6	85.9	85.9	86.2	86.3	86.3	86.6	86.8	87.1	[illegible]
≥ 1000	35.[illegible]	81.[illegible]	83.4	85.7	86.7	86.9	87.5	87.8	87.8	88.2	88.4	88.4	88.7	88.9	89.2	89.[illegible]
≥ 900	35.3	81.9	84.1	86.4	87.4	87.7	88.2	88.5	88.6	89.[illegible]	89.2	89.2	89.5	89.[illegible]	90.0	[illegible]
≥ 800	35.4	82.6	85.8	88.0	89.2	89.4	90.1	90.4	90.5	90.9	91.1	91.1	91.4	91.5	91.8	92.[illegible]
≥ 700	35.4	83.0	86.9	88.6	89.8	90.1	90.9	91.2	91.2	91.7	91.9	91.9	92.2	92.4	92.7	93.[illegible]
≥ 600	35.4	83.5	86.5	89.6	90.9	91.2	92.0	92.4	92.5	93.[illegible]	93.2	93.2	93.5	93.7	94.[illegible]	[illegible]
≥ 500	35.4	83.9	87.2	90.4	91.9	92.2	93.2	93.6	93.7	94.2	94.5	94.5	94.8	95.[illegible]	95.2	95.9
≥ 400	35.4	[illegible].1	87.4	91.1	92.7	[illegible].1	94.2	94.7	94.8	95.5	95.7	95.7	96.1	96.3	96.5	[illegible]
≥ 300	35.4	[illegible].2	87.7	91.3	92.9	93.4	94.6	95.1	95.3	96.0	96.3	96.3	96.6	96.8	97.1	97.9
≥ 200	35.4	[illegible].3	87.7	91.4	93.[illegible]	[illegible].5	94.7	95.2	95.5	96.2	96.6	96.6	97.1	97.3	97.6	98.[illegible]
≥ 100	35.4	[illegible].3	87.7	91.4	93.[illegible]	[illegible].5	94.7	95.3	95.5	96.3	96.6	96.6	97.3	97.5	97.9	99.2
0	35.4	[illegible].3	87.7	91.4	93.[illegible]	[illegible].5	94.7	95.3	95.5	96.3	96.6	96.6	97.3	97.5	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]2

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS 77-82 MONTH DEC

HOURS (L S T) ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		41.6	42.6	44.2	45.5	46.5	46.5	46.8	46.8	46.6	47.4	47.4	47.4	47.4	47.7	47.7
≥ 20000	1.6	42.5	43.5	46.8	47.4	47.4	48.4	48.7	48.7	48.7	49.4	49.4	49.4	50.3	50.3	50.7
≥ 18000	1.6	42.6	43.5	46.8	47.4	47.4	48.4	48.7	48.7	48.7	49.4	49.4	49.4	50.3	50.3	50.7
≥ 16000	1.6	42.6	43.5	46.8	47.4	47.4	48.4	48.7	48.7	48.7	49.4	49.4	49.4	50.3	50.3	50.7
≥ 14000	1.6	43.0	43.9	47.1	47.7	47.7	48.7	49.1	49.1	49.1	49.8	49.8	49.8	50.7	50.7	51.1
≥ 12000	1.6	44.2	45.1	47.4	48.1	48.1	49.1	49.4	49.4	49.4	50.3	50.3	50.3	51.3	51.3	51.7
≥ 10000	1.6	45.5	46.7	49.0	49.7	49.7	50.7	51.1	51.1	51.1	51.8	51.8	51.8	52.6	52.6	52.9
≥ 9000	1.6	46.1	47.1	49.4	50.0	50.0	51.0	51.3	51.3	51.3	51.9	51.9	51.9	52.8	52.9	53.2
≥ 8000	1.6	48.4	50.7	51.6	52.3	52.6	53.6	53.9	53.9	53.9	54.5	54.5	54.5	55.5	55.8	56.2
≥ 7000	1.6	49.7	51.6	52.4	53.1	53.9	54.9	55.2	55.2	55.2	55.8	55.8	55.8	56.8	56.8	57.1
≥ 6000	1.6	51.5	53.7	54.6	55.3	55.6	56.5	56.9	56.9	56.9	57.5	57.5	57.5	58.5	58.8	59.1
≥ 5000	1.6	52.4	54.5	55.3	56.0	56.3	57.2	57.6	57.6	57.6	58.2	58.2	58.2	59.2	59.5	59.8
≥ 4500	1.6	53.3	55.2	56.1	56.8	57.1	58.0	58.4	58.4	58.4	59.0	59.0	59.0	60.0	60.3	60.6
≥ 4000	1.6	54.2	56.1	57.0	57.7	58.0	58.9	59.3	59.3	59.3	59.9	59.9	59.9	60.9	61.2	61.5
≥ 3500	1.6	54.6	56.5	57.4	58.1	58.4	59.3	59.7	59.7	59.7	60.3	60.3	60.3	61.3	61.6	61.9
≥ 3000	1.6	55.1	57.0	57.9	58.6	58.9	59.8	60.2	60.2	60.2	60.8	60.8	60.8	61.8	62.1	62.4
≥ 2500	1.6	57.0	58.9	59.8	60.5	60.8	61.7	62.1	62.1	62.1	62.7	62.7	62.7	63.7	64.0	64.3
≥ 2000	1.6	57.1	59.0	59.9	60.6	60.9	61.8	62.2	62.2	62.2	62.8	62.8	62.8	63.8	64.1	64.4
≥ 1800	1.6	58.3	60.2	61.1	61.8	62.1	63.0	63.4	63.4	63.4	64.0	64.0	64.0	65.0	65.3	65.6
≥ 1500	1.6	58.7	60.7	61.6	62.3	62.6	63.5	63.9	63.9	63.9	64.5	64.5	64.5	65.5	65.8	66.1
≥ 1200	1.6	70.4	72.4	73.3	74.0	74.3	75.2	75.6	75.6	75.6	76.2	76.2	76.2	77.2	77.5	77.8
≥ 1000	1.6	72.4	74.3	75.2	75.9	76.2	77.1	77.5	77.5	77.5	78.1	78.1	78.1	79.1	79.4	79.7
≥ 900	1.6	74.2	76.1	77.0	77.7	78.0	78.9	79.3	79.3	79.3	79.9	79.9	79.9	80.9	81.2	81.5
≥ 800	1.6	75.2	77.1	78.0	78.7	79.0	79.9	80.3	80.3	80.3	80.9	80.9	80.9	81.9	82.2	82.5
≥ 700	1.6	75.2	77.1	78.0	78.7	79.0	79.9	80.3	80.3	80.3	80.9	80.9	80.9	81.9	82.2	82.5
≥ 600	1.6	76.5	78.4	79.3	80.0	80.3	81.2	81.6	81.6	81.6	82.2	82.2	82.2	83.2	83.5	83.8
≥ 500	1.6	76.7	78.6	79.5	80.2	80.5	81.4	81.8	81.8	81.8	82.4	82.4	82.4	83.4	83.7	84.0
≥ 400	1.6	79.0	80.9	81.8	82.5	82.8	83.7	84.1	84.1	84.1	84.7	84.7	84.7	85.7	86.0	86.3
≥ 300	1.6	79.0	80.9	81.8	82.5	82.8	83.7	84.1	84.1	84.1	84.7	84.7	84.7	85.7	86.0	86.3
≥ 200	1.6	79.0	80.9	81.8	82.5	82.8	83.7	84.1	84.1	84.1	84.7	84.7	84.7	85.7	86.0	86.3
≥ 100	1.6	79.0	80.9	81.8	82.5	82.8	83.7	84.1	84.1	84.1	84.7	84.7	84.7	85.7	86.0	86.3
0	1.6	79.0	80.9	81.8	82.5	82.8	83.7	84.1	84.1	84.1	84.7	84.7	84.7	85.7	86.0	100.0

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
18000																
16000																
14000																
12000																
10000																
9000																
8000																
7000																
6000																
5000																
4500																
4000																
3500																
3000																
2500																
2000																
1800																
1500																
1200																
1000																
900																
800																
700																
600																
500																
400																
300																
200																
100																
0																

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

1 [illegible] STATION | [illegible] STATION NAME | 73-82 YEARS | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

[illegible] HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	34.4	35.2	35.5	35.8	35.8	36.1	36.1	36.5	36.6	36.8	36.8	37.1	[illegible]
≥ 20000	[illegible]	35.2	37.7	39.7	40.0	40.3	40.7	41.0	41.3	41.3	41.9	41.9	41.9	41.9	42.3	42.6
≥ 18000	[illegible]	35.2	37.7	39.7	40.0	40.3	40.7	41.0	41.3	41.3	41.9	41.9	41.9	41.9	42.3	42.6
≥ 16000	[illegible]	35.2	38.4	40.4	40.7	41.0	41.3	41.6	41.9	41.9	42.6	42.6	42.6	42.6	42.9	43.2
≥ 14000	[illegible]	36.1	38.7	40.7	41.0	41.3	41.6	41.9	42.3	42.3	42.9	42.9	42.9	42.9	43.2	43.6
≥ 12000	[illegible]	37.4	40.0	42.3	42.6	43.2	43.6	43.9	44.2	44.2	44.8	44.8	44.8	44.8	45.2	45.5
≥ 10000	[illegible]	40.7	43.2	45.2	45.6	46.1	46.5	46.8	47.1	47.1	47.7	47.7	47.7	47.7	48.1	48.4
≥ 9000	[illegible]	40.7	43.6	45.8	46.2	46.8	47.1	47.4	47.7	47.7	48.4	48.4	48.4	48.4	48.7	49.1
≥ 8000	[illegible]	43.9	46.8	49.4	50.3	50.7	51.0	51.3	51.6	51.6	52.3	52.3	52.3	52.3	52.6	52.9
≥ 7000	[illegible]	45.2	48.7	51.6	52.6	52.9	53.2	53.6	53.9	53.9	54.5	54.5	54.5	54.5	54.8	55.2
≥ 6000	[illegible]	47.4	51.3	53.2	54.2	54.5	54.8	55.2	55.5	55.5	56.1	56.1	56.1	56.1	56.5	56.8
≥ 5000	[illegible]	48.7	52.6	54.1	57.1	57.4	57.7	58.1	[illegible]	58.4	59.0	59.0	59.0	59.0	59.4	59.7
≥ 4500	[illegible]	50.3	53.8	57.1	58.1	58.4	58.7	59.0	59.4	59.4	60.0	60.0	60.0	60.0	60.3	[illegible]
≥ 4000	[illegible]	51.3	54.5	58.1	59.0	59.4	59.7	60.0	60.3	60.3	61.0	61.0	61.0	61.0	61.3	61.6
≥ 3500	[illegible]	52.3	55.5	59.1	60.0	60.3	60.7	61.0	61.3	61.3	61.9	61.9	61.9	61.9	62.3	62.6
≥ 3000	[illegible]	56.8	60.0	63.9	64.8	65.2	65.5	65.8	66.1	66.1	66.8	66.8	66.8	66.8	67.1	67.4
≥ 2500	[illegible]	57.1	60.3	64.2	65.2	65.5	65.8	66.1	66.4	66.4	67.4	67.4	67.4	67.4	67.7	68.1
≥ 2000	[illegible]	59.7	62.9	66.8	67.7	68.1	68.4	68.7	69.4	69.4	70.0	70.0	70.0	70.0	70.3	70.7
≥ 1800	[illegible]	[illegible]	63.6	67.7	68.7	69.0	69.4	69.7	70.3	70.3	71.0	71.0	71.0	71.0	71.3	71.6
≥ 1500	[illegible]	62.9	67.1	71.4	72.6	72.9	73.2	73.9	74.5	74.5	75.2	75.2	75.2	75.2	75.5	75.9
≥ 1200	[illegible]	64.2	68.7	73.2	74.2	74.5	74.8	75.5	76.1	76.1	76.8	76.8	76.8	76.8	77.1	77.4
≥ 1000	[illegible]	65.4	71.4	75.5	77.1	77.7	78.1	79.0	79.7	79.7	80.3	80.3	80.3	80.3	80.7	81.0
≥ 900	[illegible]	65.8	71.7	75.5	77.1	77.7	78.1	79.0	79.7	79.7	80.3	80.3	80.3	80.3	80.7	81.0
≥ 800	[illegible]	67.4	73.6	78.4	80.0	80.7	81.0	81.9	82.9	82.9	83.6	83.6	83.6	83.6	83.9	84.2
≥ 700	[illegible]	68.1	74.5	80.7	82.3	82.9	83.2	84.2	85.2	85.2	85.8	85.8	85.9	85.8	86.1	86.5
≥ 600	[illegible]	68.1	75.8	82.6	84.5	85.2	85.8	86.8	87.7	87.7	88.4	88.4	88.4	88.4	88.7	89.1
≥ 500	[illegible]	68.1	75.8	82.9	85.9	86.5	87.4	88.7	89.7	90.0	90.7	90.7	90.7	90.7	91.0	91.3
≥ 400	[illegible]	68.1	75.8	83.6	86.5	87.1	88.1	89.7	90.7	91.6	92.3	92.3	92.6	92.6	93.2	93.6
≥ 300	[illegible]	68.1	75.8	83.6	86.5	87.1	88.1	90.0	91.3	92.3	92.9	92.9	93.2	93.2	94.2	94.8
≥ 200	[illegible]	68.1	75.8	83.6	86.5	87.1	88.1	90.3	91.9	92.9	94.8	94.8	95.5	95.5	96.8	97.4
≥ 100	[illegible]	68.1	75.8	83.6	86.5	87.1	88.1	90.3	92.3	94.5	95.2	95.5	96.5	96.8	98.1	99.7
0	[illegible]	68.1	75.8	83.6	86.5	87.1	88.1	90.3	92.3	94.5	95.2	95.5	96.5	96.8	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION [illegible] STATION NAME [illegible] YEARS DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	[illegible]	[illegible]
≥ 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	48.2	48.2	48.2	[illegible]	[illegible]	48.2	48.2	48.2	48.2	48.2	[illegible]
≥ 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	[illegible]
≥ 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	48.5	48.5	48.5	48.5	48.5	48.8	48.5	48.5	48.5	48.5	[illegible]
≥ 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000	[illegible]	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 10000	[illegible]	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	[illegible]
≥ 9000	[illegible]	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	[illegible]
≥ 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	[illegible]
≥ 7000	[illegible]	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 6000	[illegible]	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 5000	[illegible]	60.2	[illegible]	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	[illegible]
≥ 4000	[illegible]	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	[illegible]
≥ 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	[illegible]
≥ 3000	[illegible]	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	[illegible]
≥ 2000	[illegible]	75.7	77.4	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	[illegible]
≥ 1800	[illegible]	[illegible]	79.1	[illegible]	[illegible]	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	[illegible]
≥ 1500	[illegible]	[illegible]	83.2	[illegible]	[illegible]	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	[illegible]
≥ 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	[illegible]
≥ 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	[illegible]
≥ 900	[illegible]	[illegible]	89.3	[illegible]	[illegible]	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	[illegible]
≥ 800	[illegible]	[illegible]	89.6	[illegible]	[illegible]	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	[illegible]
≥ 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.2	94.2	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5	[illegible]
≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	95.8	95.8	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	[illegible]
≥ 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.1	97.1	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	[illegible]
≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.4	97.4	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	[illegible]
≥ 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.7	97.7	98.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4	[illegible]
≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.7	97.7	98.1	98.1	99.7	99.7	99.7	99.7	99.7	99.7	[illegible]
≥ 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.7	97.7	98.1	98.1	99.7	99.7	99.7	99.7	99.7	99.7	100.0
0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.7	98.1	98.1	99.7	99.7	99.7	99.7	99.7	99.7	[illegible]

TOTAL NUMBER OF OBSERVATIONS 329

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

I [illegible] | KING VILLE, TX | 73-82 | DEC

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 20000	[illegible]	54.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 18000	[illegible]	55.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 16000	[illegible]	55.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 14000	[illegible]	55.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 12000	[illegible]	52.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 10000	[illegible]	60.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 9000	[illegible]	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 8000	[illegible]	62.3	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 7000	[illegible]	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 6000	[illegible]	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 5000	[illegible]	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 4500	[illegible]	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	[illegible]
≥ 4000	[illegible]	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	[illegible]
≥ 3500	[illegible]	71.3	71.9	71.9	71.9	71.9	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 3000	[illegible]	74.1	75.8	75.8	75.8	75.8	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 2500	[illegible]	79.4	80.3	80.3	80.3	80.3	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2000	[illegible]	82.3	83.2	83.6	83.6	83.6	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1800	[illegible]	82.6	83.5	83.9	83.9	83.9	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1500	[illegible]	85.5	87.1	87.4	87.4	87.4	87.4	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1200	[illegible]	87.1	89.3	89.7	89.7	89.7	89.7	90.3	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1000	[illegible]	87.4	90.0	91.3	91.6	91.6	91.6	92.3	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 900	[illegible]	87.4	90.3	91.6	91.9	91.9	91.9	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 800	[illegible]	89.3	92.3	93.6	93.9	93.9	94.2	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 700	[illegible]	89.4	92.6	93.9	94.2	94.8	95.2	95.4	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600	[illegible]	89.4	93.2	94.5	95.8	95.8	96.1	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 500	[illegible]	89.4	93.2	94.8	96.5	96.8	97.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	[illegible]	89.4	93.2	94.8	96.5	96.8	97.1	98.4	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	[illegible]	89.4	93.2	94.8	96.8	97.1	97.4	98.7	98.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 200	[illegible]	89.4	93.2	94.8	96.8	97.1	97.4	98.7	98.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 100	[illegible]	89.4	93.2	94.8	96.8	97.1	97.4	98.7	98.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
0	[illegible]	89.4	93.2	94.8	96.8	97.1	97.4	98.7	98.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]312

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21.9	47.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 20000	24.3	55.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 18000	24.3	55.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 16000	24.3	55.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 14000	24.3	55.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 12000	24.3	57.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 10000	25.6	59.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 9000	25.6	61.2	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 8000	28.2	63.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 7000	28.2	64.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 6000	27.8	65.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 5000	28.2	66.7	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 4500	28.5	67.1	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 4000	28.1	69.9	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 3500	29.2	71.8	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 3000	30.1	75.1	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 2500	30.7	77.4	79.9	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 2000	30.7	80.9	83.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1800	31.1	81.6	84.5	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 1500	31.1	84.5	87.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1200	31.1	85.1	88.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1000	31.1	85.8	89.0	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 900	30.7	86.1	89.3	91.6	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 800	30.7	86.1	89.3	91.9	92.2	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 700	30.7	86.7	90.0	93.2	94.2	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 600	30.7	86.7	90.0	93.5	94.8	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 500	30.7	87.4	90.6	94.2	95.5	95.8	96.1	96.1	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4
≥ 400	30.7	87.4	90.6	94.5	96.1	96.4	96.8	96.8	96.8	97.1	97.4	97.4	97.7	97.7	97.7	97.7
≥ 300	30.7	87.4	90.6	94.5	96.1	96.4	96.8	96.8	96.8	97.4	98.1	98.1	98.7	98.7	98.7	98.7
≥ 200	30.7	87.4	90.6	94.5	96.1	96.8	97.1	97.1	97.1	97.7	98.7	98.7	99.7	99.7	99.7	99.7
≥ 100	30.7	87.4	90.6	94.5	96.1	96.8	97.1	97.1	97.1	97.7	98.7	98.7	99.7	99.7	99.7	99.7
0	30.7	87.4	90.6	94.5	96.1	96.8	97.1	97.1	97.1	97.7	98.7	98.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 309

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] STATION | [illegible]VILLE, TX STATION NAME | 73-82 YEARS | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ⅞	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	53.1	53.8	53.7	54.1	[illegible]	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.4	54.4
≥ 20000	[illegible]	57.9	58.3	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.2	59.2
≥ 18000	[illegible]	57.9	58.3	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.2	59.2
≥ 16000	[illegible]	57.9	58.3	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.2	59.2
≥ 14000	[illegible]	59.6	59.9	59.2	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.9	59.9
≥ 12000	[illegible]	59.9	60.2	60.5	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	61.2	61.2
≥ 10000	[illegible]	61.8	62.1	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	63.1	63.1
≥ 9000	[illegible]	62.5	62.8	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.8	63.8
≥ 8000	[illegible]	64.4	65.1	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	66.0	66.0
≥ 7000	[illegible]	65.4	66.1	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	67.0	67.0
≥ 6000	[illegible]	67.6	68.6	68.9	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.6	69.6
≥ 5000	[illegible]	69.3	70.2	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.2	71.2
≥ 4500	[illegible]	70.9	71.8	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.8	72.8
≥ 4000	[illegible]	72.8	73.8	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.8	74.8
≥ 3500	[illegible]	74.1	75.1	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	76.1	76.1
≥ 3000	[illegible]	77.0	78.3	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.3	79.3
≥ 2500	[illegible]	79.0	80.3	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.2	81.2
≥ 2000	[illegible]	80.3	81.6	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.5	82.5
≥ 1800	[illegible]	81.6	82.9	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.8	83.8
≥ 1500	[illegible]	84.1	85.4	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.4	86.4
≥ 1200	[illegible]	85.1	86.4	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	88.0	88.0
≥ 1000	[illegible]	86.7	88.0	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.6	89.6
≥ 900	[illegible]	87.1	88.4	89.0	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	90.0	90.0
≥ 800	[illegible]	87.7	89.3	90.0	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.9	90.9
≥ 700	[illegible]	88.0	90.6	91.3	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.2	92.2
≥ 600	[illegible]	90.0	92.2	92.2	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	93.5	93.5
≥ 500	[illegible]	92.0	93.2	94.2	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.8	95.8
≥ 400	[illegible]	92.3	93.5	94.5	95.2	95.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.4	96.4
≥ 300	[illegible]	90.6	93.9	95.5	96.1	96.1	97.4	97.4	97.4	97.4	97.7	97.7	98.1	98.1	98.4	98.4
≥ 200	[illegible]	90.6	93.9	95.5	96.4	96.4	97.7	97.7	98.1	98.1	98.4	98.4	98.7	98.7	99.0	99.0
≥ 100	[illegible]	90.6	93.9	95.5	96.4	96.4	97.7	97.7	98.1	98.4	98.7	98.7	99.0	99.0	99.4	99.7
0	[illegible]	90.6	93.9	95.5	96.4	96.4	97.7	97.7	98.1	98.4	98.7	98.7	99.0	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH: DEC | HOURS (LST): ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	43.1	44.1	44.8	45.[illegible]	45.2	45.5	45.6	45.6	45.7	45.9	45.9	46.2	46.2	46.5	46.9
≥ 20000	[illegible].3	48.6	49.7	50.3	50.7	50.8	51.1	51.2	51.2	51.3	51.5	51.5	51.9	51.9	52.1	52.5
≥ 18000	[illegible].9	48.7	49.8	50.4	50.8	50.9	51.2	51.3	51.3	51.4	51.6	51.6	51.9	51.9	52.2	52.6
≥ 16000	[illegible].4	48.8	49.8	50.5	50.9	51.0	51.3	51.3	51.4	51.5	51.7	51.7	52.0	52.0	52.3	52.7
≥ 14000	[illegible].7	49.1	50.1	50.8	51.1	51.3	51.5	51.6	51.7	51.7	52.0	52.0	52.3	52.3	52.6	53.0
≥ 12000	[illegible].3	50.6	51.6	52.3	52.7	52.8	53.1	53.2	53.2	53.3	53.6	53.6	53.9	53.9	54.2	54.5
≥ 10000	[illegible].9	52.5	53.6	54.3	54.7	54.9	55.1	55.2	55.3	55.3	55.6	55.6	55.9	55.9	56.2	56.6
≥ 9000	[illegible].0	53.0	54.1	54.8	55.2	55.3	55.6	55.7	55.7	55.8	56.1	56.1	56.4	56.4	56.7	57.1
≥ 8000	[illegible].3	55.2	56.3	57.1	57.5	57.7	58.0	58.0	58.1	58.2	58.4	58.4	58.8	58.8	59.1	59.4
≥ 7000	[illegible].0	96.6	57.8	58.5	59.0	59.1	59.4	59.5	59.5	59.6	59.9	59.9	60.2	60.2	60.5	60.9
≥ 6000	[illegible].4	57.6	58.8	59.5	60.0	60.1	60.4	60.5	60.5	60.6	60.9	60.9	61.2	61.2	61.5	61.9
≥ 5000	[illegible].0	59.3	60.9	61.8	62.2	62.4	62.7	62.8	62.9	62.9	63.2	63.2	63.5	63.5	63.8	64.1
≥ 4500	[illegible].5	60.3	61.8	62.6	63.1	63.3	63.5	63.6	63.7	63.7	64.0	64.0	64.3	64.3	64.6	65.[illegible]
≥ 4000	[illegible].1	62.1	63.3	64.2	64.7	64.8	65.1	65.2	65.3	65.4	65.6	65.6	66.0	66.0	66.2	66.6
≥ 3500	[illegible].5	63.3	64.6	65.6	66.[illegible]	66.2	66.5	66.6	66.6	66.7	67.0	67.0	67.3	67.3	67.6	68.[illegible]
≥ 3000	[illegible].3	66.	67.5	68.5	68.9	69.1	69.4	69.5	69.5	69.6	69.9	69.9	70.2	70.2	70.5	70.8
≥ 2500	[illegible].2	69.[illegible]	70.6	71.7	72.2	72.3	72.6	72.7	72.9	72.9	73.2	73.2	73.6	73.6	73.8	74.2
≥ 2000	[illegible].8	71.9	73.7	75.0	75.4	75.6	75.9	76.0	76.1	76.2	76.5	76.5	76.8	76.8	77.1	77.5
≥ 1800	[illegible].1	72.6	74.7	76.1	76.5	76.7	77.0	77.1	77.3	77.3	77.6	77.6	78.0	78.0	78.2	78.6
≥ 1500	[illegible].5	76.3	78.4	79.9	80.4	80.6	80.9	81.1	81.2	81.3	81.6	81.6	82.0	82.0	82.3	82.7
≥ 1200	[illegible].7	77.9	80.3	81.9	82.4	82.7	83.0	83.2	83.3	83.5	83.8	83.8	84.2	84.2	84.5	84.9
≥ 1000	[illegible].7	79.4	82.1	83.9	84.6	84.9	85.2	85.5	85.6	85.9	86.2	86.2	86.5	86.5	86.8	87.2
≥ 900	[illegible].7	79.8	82.6	84.4	85.1	85.5	85.7	86.0	86.2	86.4	86.7	86.7	87.1	87.1	87.4	87.8
≥ 800	[illegible].7	80.7	83.7	85.8	86.6	86.9	87.3	87.6	87.8	89.1	88.4	88.4	88.7	88.7	89.1	89.4
≥ 700	[illegible].7	81.6	84.8	87.2	88.1	88.5	88.9	89.2	89.3	89.7	90.0	90.0	90.4	90.4	90.7	91.0
≥ 600	[illegible].9	82.7	86.0	88.6	89.7	90.2	90.9	91.1	91.3	91.6	91.9	91.9	92.3	92.3	92.7	93.1
≥ 500	[illegible].4	82.7	86.7	89.5	90.8	91.3	92.0	92.4	92.6	93.0	93.4	93.4	93.8	93.8	94.1	94.6
≥ 400	[illegible].8	82.9	86.9	89.9	91.4	91.9	92.8	93.4	93.6	94.3	94.7	94.7	95.2	95.2	95.6	96.2
≥ 300	[illegible].8	83.0	87.1	90.3	91.9	92.5	93.5	94.1	94.4	95.3	95.8	95.8	96.3	96.3	96.9	97.3
≥ 200	[illegible].8	83.0	87.1	90.3	91.9	92.6	93.6	94.3	94.7	95.8	96.4	96.4	97.2	97.2	97.7	98.4
≥ 100	[illegible].8	83.[illegible]	87.1	90.3	91.9	92.6	93.6	94.3	94.8	95.9	96.5	96.5	97.5	97.6	98.1	99.2
0	[illegible].4	83.[illegible]	87.1	90.3	91.9	92.6	93.6	94.3	94.8	95.9	96.5	96.5	97.6	97.7	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2976

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

1 [illegible] STATION | [illegible] STATION NAME | [illegible] YEARS | ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	1.	48.1	4[illegible].4	50.3	50.9	50.9	51.2	51.3	51.4	51.5	51.6	51.7	51.8	51.8	51.9	[illegible].2
AND 20000	[illegible].2	55.7	57.2	[illegible].3	58.8	58.9	59.3	59.4	59.4	59.6	59.7	59.7	59.9	59.9	60.0	[illegible]
AND 18000	[illegible].2	55.9	57.2	58.3	58.9	[illegible].0	59.3	59.4	59.5	59.6	59.8	59.8	59.9	60.0	60.1	[illegible].4
AND 16000	[illegible].2	55.9	57.3	58.4	59.[illegible]	59.1	59.4	59.5	59.5	59.7	59.9	59.9	60.0	60.0	60.2	[illegible].5
AND 14000	[illegible].4	56.3	57.7	58.8	59.4	59.5	59.8	[illegible].9	60.0	60.1	60.3	60.3	60.4	60.5	60.6	[illegible].9
AND 12000	[illegible].[illegible]	57.4	59.[illegible]	60.1	60.7	60.8	61.2	61.3	61.3	61.5	61.6	61.6	61.8	61.8	61.9	62.2
AND 10000	[illegible].1	59.3	61.[illegible]	62.1	62.7	62.8	63.1	63.3	63.3	63.5	63.6	63.6	63.8	63.8	63.9	64.2
AND 9000	[illegible].2	59.7	61.2	62.4	63.0	63.1	63.5	63.6	63.7	63.8	64.0	64.0	64.1	64.2	64.3	64.6
AND 8000	25.[illegible]	61.4	63.1	64.3	64.[illegible]	65.0	65.4	65.5	65.6	65.7	65.9	65.9	66.0	66.1	66.2	66.5
AND 7000	[illegible].1	62.4	64.1	65.3	66.0	66.1	66.5	66.6	66.6	66.8	67.[illegible]	67.[illegible]	67.1	67.1	67.3	67.6
AND 6000	[illegible].[illegible]	63.[illegible]	64.7	66.0	66.6	66.7	67.1	67.2	67.3	67.4	67.6	67.6	67.7	67.8	67.9	68.2
AND 5000	[illegible].[illegible]	64.1	65.9	67.2	67.9	68.0	68.4	68.5	68.6	68.7	68.9	68.9	69.0	69.1	69.2	69.5
AND 4500	[illegible].[illegible]	64.5	66.3	67.6	68.3	68.4	68.8	69.0	69.0	69.2	69.3	69.3	69.5	69.5	69.6	69.9
AND 4000	[illegible].2	65.4	67.2	68.6	69.2	69.4	69.8	69.9	69.9	70.1	70.2	70.2	70.4	70.4	70.5	70.9
AND 3500	[illegible].[illegible]	66.7	68.6	70.0	70.7	70.8	71.2	71.3	71.4	71.5	71.7	71.7	71.8	71.9	72.0	72.3
AND 3000	[illegible].3	69.2	71.2	72.6	73.4	73.5	73.9	74.[illegible]	74.1	74.3	74.4	74.4	74.6	74.6	74.7	75.[illegible]
AND 2500	[illegible].[illegible]	72.1	74.2	75.7	76.4	76.6	77.0	77.1	77.2	77.3	77.5	77.5	77.6	77.7	77.8	78.1
AND 2000	[illegible].4	75.1	77.3	78.9	79.7	79.9	80.3	80.4	8[illegible].5	80.7	80.8	80.8	81.0	81.0	81.2	81.5
AND 1800	[illegible].5	75.7	78.0	79.6	80.4	80.6	81.0	81.2	81.2	81.4	81.6	81.6	81.7	81.8	81.9	82.2
AND 1500	[illegible].9	76.6	81.3	83.2	84.1	84.3	84.7	84.9	85.0	85.2	85.3	85.3	85.6	85.5	85.7	86.[illegible]
AND 1200	[illegible].[illegible]	80.6	83.8	85.4	86.3	86.5	87.0	87.2	87.2	87.5	87.6	87.6	87.8	87.8	88.0	88.3
AND 1000	[illegible].3	82.3	85.3	87.3	88.6	88.8	89.3	89.5	89.6	89.8	90.0	90.0	90.1	90.2	90.3	90.6
AND 900	[illegible].4	82.6	85.9	88.2	89.2	89.5	90.0	90.2	90.3	90.5	90.7	90.7	90.9	90.9	91.1	91.4
AND 800	[illegible].4	83.7	87.0	89.4	90.6	90.8	91.4	91.6	91.7	92.0	92.1	92.1	92.3	92.4	92.5	92.8
AND 700	[illegible].5	84.3	87.7	90.3	91.5	91.7	92.4	92.6	92.7	93.[illegible]	93.1	93.1	93.3	93.4	93.5	93.8
AND 600	[illegible].5	84.9	88.5	91.2	92.5	92.8	93.5	93.8	93.9	94.2	94.4	94.4	94.6	94.6	94.8	95.1
AND 500	[illegible].5	85.3	89.1	92.0	93.4	93.8	94.6	94.9	95.0	95.4	95.6	95.6	95.8	95.8	96.[illegible]	96.3
AND 400	[illegible].5	85.5	89.4	92.5	94.0	94.4	95.3	95.6	95.8	96.2	96.5	96.5	96.7	96.8	96.9	97.3
AND 300	[illegible].5	85.6	89.5	92.7	94.3	94.8	95.7	96.1	96.3	96.9	97.2	97.2	97.5	97.6	97.8	98.1
AND 200	[illegible].5	85.7	89.6	92.8	94.5	94.9	95.9	96.4	96.7	97.4	97.7	97.7	98.2	98.3	98.5	98.9
AND 100	[illegible].5	85.7	89.6	92.8	94.5	9[illegible].1	96.0	96.5	96.8	97.5	97.9	97.9	98.3	98.6	98.9	99.5
0	[illegible].5	85.7	89.6	92.8	94.5	9[illegible].1	96.0	96.5	96.8	97.5	97.9	97.9	98.3	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]0

DIRNAVOCEANMET SMOS

SKY COVER

12-2B	KINGSVILLE, TX	73-82	JAN
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00	22.3			16.5						10.3	51.0	6.5	310
	03	19.7			13.5						14.2	52.6	6.9	310
	06	18.1			17.1						13.2	51.6	6.9	310
	09	10.6			13.9						19.7	55.8	7.8	310
	12	9.4			17.7						24.8	48.1	7.6	310
	15	8.1			25.5						25.5	41.0	7.2	310
	18	10.3			24.2						24.8	40.6	7.0	310
	21	23.2			17.7						12.6	46.5	6.3	310
TOTALS		15.2			18.3						18.1	48.4	7.0	2480

NAVWEASERVCOM

SKY COVER

1 ·28 KINGSVILLE, TX 73-82 FEB

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00	27.7			19.9						11.9	40.8	5.7	282
	03	25.2			14.2						14.5	46.1	6.3	282
	06	22.0			17.7						12.8	47.5	5.4	282
	09	16.7			17.4						20.2	45.7	6.9	282
	12	13.5			21.2						27.7	38.7	7.0	282
	15	14.2			25.9						29.4	31.6	6.5	282
	18	19.4			24.8						26.2	30.5	6.2	282
	21	3[illegible]			19.5						17.0	32.6	5.4	282
TOTALS		21.1			20.0						19.8	39.2	6.3	2256

NAVWEASERVCOM



SKY COVER

1 [illegible] | KINGSVILLE, TX | 73-82 | MAR

STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00	17.7			19.[illegible]						15.4	48.[illegible]	[illegible].7	[illegible]
	03	15.5			16.4						17.7	48.4	7.0	310
	06	9.7			19.4						16.5	54.5	7.5	310
	09	9.1			14.2						23.[illegible]	54.2	[illegible].[illegible]	[illegible]
	12	17.0			17.4						20.7	42.9	7.[illegible]	[illegible]
	15	17.0			23.[illegible]						30.0	36.5	7.1	31[illegible]
	18	13.3			21.4						29.7	37.4	7.[illegible]	310
	21	17.7			21.3						20.6	40.3	6.5	[illegible]10
TOTALS		12.6			19.4						23.1	44.[illegible]	7.2	2[illegible]0

NAVWEASERVCOM

SKY COVER

1 25	KINGSVILLE, TX	77-87	APR
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
[illegible]	00	21.7			1[illegible]						23.7	39.7	6.5	[illegible]0
	01	1 .7			14.7						22.[illegible]	44.7	[illegible].9	[illegible]0
	02	[illegible].7			21.3						24.[illegible]	48.3	7.6	[illegible]0
	03	[illegible].[illegible]			1[illegible].0						3[illegible].7	45.7	7.8	[illegible]0
	12	[illegible].7			1[illegible].7						34.3	37.3	7.4	[illegible]0
	13	11.[illegible]			2[illegible].[illegible]						34.3	30.7	6.9	[illegible]0
	14	17.[illegible]			21.[illegible]						32.[illegible]	33.3	6.9	[illegible]0
	[illegible]1	20.3			20.7						1[illegible].3	39.7	[illegible].3	[illegible]0
TOTALS		1[illegible].[illegible]			1[illegible].8						27.6	39.9	7.0	2400

NAVWEASERVCOM

SKY COVER

1 [illegible] KINGSVILLE, TX [illegible] [illegible]
STATION STATION NAME PERIOD MONTH

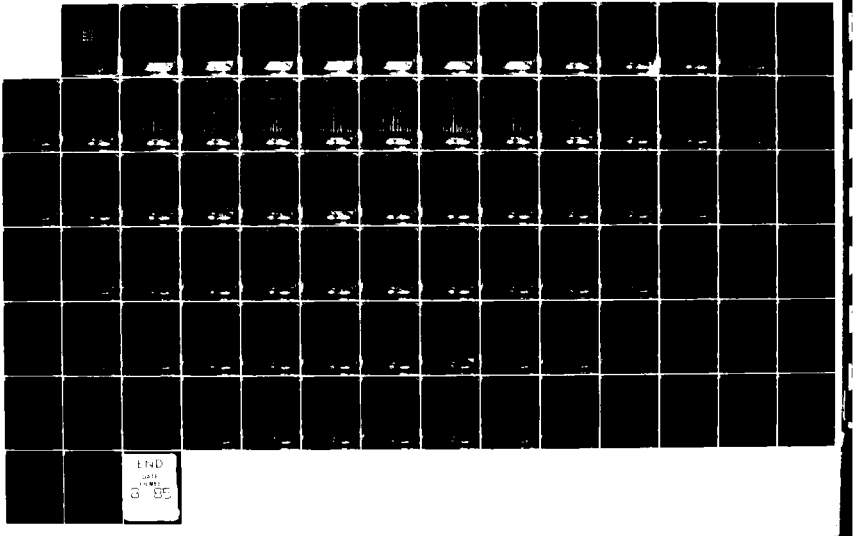
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
[illegible]	[illegible]	17.4			28.4						22.[illegible]	31.6	[illegible]	[illegible]
	[illegible]	17.4			23.2						26.[illegible]	32.9	6.4	[illegible]
	[illegible]	[illegible].2			23.[illegible]						35.2	36.1	7.5	[illegible]
	[illegible]	[illegible].[illegible]			17.4						42.[illegible]	31.6	7.6	[illegible]
	12	6.[illegible]			21.3						45.2	26.[illegible]	7.4	[illegible]
	1	5.[illegible]			33.[illegible]						31.1	22.3	6.7	[illegible]
	[illegible]	1[illegible].7			34.2						34.[illegible]	19.[illegible]	.2	[illegible]
	[illegible]1	1[illegible].5			34.5						23.[illegible]	25.2	5.7	[illegible]
TOTALS		10.[illegible]			27.3						33.[illegible]	28.2	6.7	249[illegible]

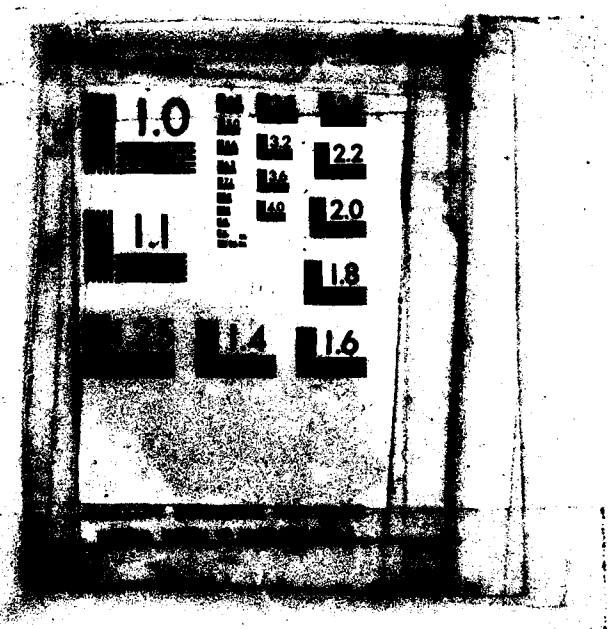
NAVWEASERVCOM

AD-A150 892 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 4/4
KINGSVILLE TEXAS(U) NAVAL OCEANOGRAPHY COMMAND
DETACHMENT ASHEVILLE NC SEP 84

UNCLASSIFIED F/G 4/2 NL



END
DATE FILMED
3 85


1.0
1.1
2.2
2.0
1.8
1.6

SKY COVER

12928 KINGSVILLE, TX 73-82 JUN

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	1.2	3	4	5	6	7	8	9	10		
JUN	00	32.0			40.3						18.3	9.3	3.8	300
	03	27.0			40.3						28.3	12.3	4.3	300
	06	10.0			47.3						30.7	12.3	5.4	300
	09	5.0			29.3						50.3	11.3	6.9	300
	12	2.7			33.7						53.0	10.7	6.8	300
	15	2.7			51.7						35.3	10.3	5.8	300
	18	15.0			52.3						25.3	7.3	4.6	300
	21	35.0			41.7						17.3	6.0	3.4	300
TOTALS		16.2			42.1						[illegible]	[illegible]	[illegible]	[illegible]

FORM WBAN-81 (10-60)

SKY COVER

12928 KINGSVILLE, TX 73-82 JUL

STATION STATION NAME PERIOD QUAD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00	39.7			43.5						11.8	5.8	2.9	310
	03	38.1			41.3						12.4	8.1	3.2	310
	06	5.2			58.1						29.0	7.7	5.1	310
	09	1.9			48.3						39.7	8.1	6.5	310
	12	1.9			39.0						48.4	10.6	6.6	310
	15	1.6			51.0						36.8	11.8	5.9	310
	18	13.9			46.1						29.0	11.0	5.1	310
	21	32.6			43.2						17.7	6.5	3.5	310
TOTALS		16.9			45.3						[illegible]	[illegible]	[illegible]	[illegible]

SKY COVER

12928 KINGSVILLE, TX 73-82 AUG

STATION STATION NAME PERIOD YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00	36.1			43.2						14.5	6.1	3.2	310
	03	37.1			41.6						14.5	6.8	3.2	310
	06	4.2			63.2						29.2	3.4	4.9	310
	09	3.9			37.1						49.4	9.7	6.5	310
	12	1.0			35.8						52.9	10.6	6.9	310
	15	1.0			43.9						42.3	12.9	6.4	310
	18	8.4			47.2						34.5	11.9	5.8	310
	21	25.5			46.4						19.0	7.1	3.9	310
TOTALS		18.7			44.8						[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

SKY COVER

12928 KINGSVILLE, TX 73-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00	39.0			34.3						15.7	11.0	3.5	300
	03	30.0			44.0						15.3	10.7	3.8	300
	06	11.0			55.3						23.7	10.0	4.8	300
	09	11.0			39.7						35.3	14.0	5.0	300
	12	4.7			41.3						41.3	12.7	6.2	300
	15	5.0			44.0						37.7	13.3	6.0	300
	18	12.3			44.0						29.3	14.3	5.4	300
	21	32.7			41.3						14.7	11.3	3.7	300
TOTALS		18.2			43.0						[illegible]	[illegible]	5.0	[illegible]

[illegible]

SKY COVER

12928 KINGSVILLE, TX 73-82 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00	43.5			26.8						15.8	13.9	3.6	318
	03	38.1			31.0						16.8	14.5	3.9	318
	06	15.8			46.8						20.8	17.4	4.9	318
	09	16.5			38.1						25.5	20.8	5.4	318
	12	8.7			30.4						44.8	15.8	6.5	318
	15	7.4			42.3						34.2	16.1	6.0	318
	18	15.2			48.8						20.8	15.2	5.1	318
	21	40.3			30.4						16.1	12.9	3.7	318
TOTALS		23.2			36.8						[illegible]	[illegible]	5.2	[illegible]

SKY COVER

1 [illegible]28 KINGSVILLE, TX 73-82 NOV
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00	36.7			22.0						15.0	26.3	4.6	300
	03	31.7			20.0						17.0	31.3	5.3	300
	06	24.7			23.3						18.3	33.7	5.7	300
	09	21.0			20.7						27.7	30.7	6.2	300
	12	17.3			22.3						33.7	26.7	6.4	300
	15	14.0			29.7						27.0	27.3	6.1	300
	18	21.0			34.3						21.7	23.0	5.3	300
	21	30.3			20.0						16.0	23.7	4.4	300
TOTALS		26.1			24.0						[illegible]	[illegible]	[illegible]	[illegible]

NAVWEASERVCOM

SKY COVER

1928 KINGSVILLE, TX 73-82 DEC

STATION NAME PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00	32.3			15.8						16.8	35.2	5.8	310
	03	26.8			18.4						15.8	39.0	5.9	310
	06	25.2			19.4						12.9	42.6	6.0	310
	09	13.9			19.4						22.3	44.5	7.0	310
	12	15.2			21.6						24.2	39.0	6.7	310
	15	16.5			20.6						24.2	34.5	6.4	310
	18	18.1			27.8						19.7	35.8	6.1	309
	21	35.0			16.8						16.8	31.7	5.2	309
TOTALS		22.9			20.0						17.5	37.7	6.1	3078

SKY COVER

12928 KINGSVILLE, TX 73-82 ALL

(STATION) (STATION NAME) (PERIOD) (HOURS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	15.2			18.3						18.1	48.4	7.0	2480
FEB		21.1			20.0						19.8	39.2	6.3	2256
MAR		12.6			19.4						23.1	44.9	7.2	2480
APR		13.7			18.8						27.6	39.9	7.0	2400
MAY		10.7			27.3						33.8	28.2	6.7	2480
JUN		16.2			42.1						31.8	9.9	5.1	2400
JUL		16.9			45.3						29.2	8.6	4.9	2480
AUG		14.7			44.5						31.7	9.2	5.1	2480
SEP		18.2			43.0						26.6	12.2	4.9	2400
OCT		23.2			36.4						24.7	15.7	4.9	2480
NOV		26.1			24.0						22.1	27.8	5.5	2400
DEC		22.9			20.4						17.5	37.1	6.1	2478
TOTALS		17.6			30.8						25.0	26.6	5.9	29216

NAVWEASERVCOM

NOCD, Federal Building
Asheville, N. C.

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:

   a. Daily maximum temperature
   b. Daily minimum temperature
   c. Daily mean temperature

2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:

   a. Extreme maximum temperature
   b. Extreme minimum temperature

   NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:

   a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the total no. of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

   NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (Σx^2), sums of values (Σx), means ($\bar{x}$), and standard deviations (σx). The number of observations used in the computations for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:

a. Dry-bulb temperature
b. Wet-bulb temperature
c. Dew-point temperature

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

6. Percentage frequency of occurrence of dry-bulb temperature versus wind direction - This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The main body of the summary consists of dry bulb temperatures spread vertically in four degree increments and horizontally by eight wind directions (plus calm).



DAILY TEMPERATURES

1 2 STATION | KINGSVILLE, TX STATION NAME | 51-82 YEARS | ANNUAL

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ 105					.1		.3	.3					.1
≥ 100			.2	.8	.9	1.1	5.2	6.3	.6				1.2
≥ 95		.1	1.4	3.4	5.2	17.4	49.1	48.4	14.9	1.1			11.9
≥ 90	.6	2.2	5.6	12.8	30.2	75.6	92.3	89.3	62.7	18.7	2.2	.4	32.9
≥ 85	4.5	7.6	19.9	40.6	76.4	95.1	98.9	97.0	87.4	54.5	17.6	4.9	50.7
≥ 80	16.2	22.7	44.6	74.8	94.5	99.8	99.7	99.3	95.4	79.7	41.9	18.0	65.8
≥ 75	30.7	41.1	64.9	89.0	98.5	100.0	100.0	100.0	99.0	91.8	61.0	35.7	76.2
≥ 70	48.3	58.3	80.6	95.7	99.1				99.9	95.9	73.2	55.0	83.8
≥ 65	59.6	70.7	91.2	98.7	99.9				100.0	98.4	84.0	69.1	87.4
≥ 60	71.5	82.1	94.1	99.8	100.0					99.4	91.0	81.2	93.3
≥ 55	81.8	89.7	97.8	100.0						99.6	95.5	88.8	96.1
≥ 50	88.9	93.4	99.2							100.0	98.1	94.9	98.1
≥ 45	94.7	98.2	99.9								99.8	98.0	99.2
≥ 40	98.2	99.5	100.0								100.0	99.8	99.8
≥ 35	99.6	99.9										100.0	100.0
≥ 30	99.9	100.0											100.0
≥ 25	100.0												100.0
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	81.8
S.D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12.381
TOTAL OBS.	992	876	992	930	961	960	992	992	960	992	960	992	11493

NAVWEASERVCOM



DAILY TEMPERATURES

1 KINGSVILLE, TX 5.-82
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
N					1.0	4.3	5.4	5.6	1.9	.3			1.4
N	75				2.7	22.4	52.4	74.7	72.3	40.2	7.4	.7	22.9
N	70	.4	.2	4.5	3.8	56.3	91.3	98.9	98.6	78.2	26.2	5.8	.9	41.3
N	65	3.3	5.6	23.7	55.2	82.7	98.1	100.0	100.0	91.6	55.3	17.5	5.5	57.2
N	60	12.2	16.0	41.6	73.3	94.5	99.8			97.6	78.3	39.4	16.2	63.2
N	55	23.9	29.3	58.3	87.2	98.6	100.0			99.2	86.1	51.4	27.6	72.0
N	50	36.1	47.9	75.2	95.5	99.9				100.0	95.3	67.5	42.6	80.2
N	45	53.5	66.7	87.1	99.1	100.0					98.8	81.8	61.7	87.5
N	40	73.5	82.9	96.0	99.9						99.9	92.7	81.7	93.9
N	35	86.8	93.3	99.4	100.0						100.0	97.8	94.6	97.7
N	30	96.1	98.3	99.9								100.0	98.8	99.4
N	25	99.2	100.0	100.0									99.8	99.9
N	20	99.8											100.0	100.0
N	15	100.0												100.0
N														
N														
N													

DAILY TEMPERATURES

1 [illegible] | KINGSVILLE, TX | 51-82 | MEAN

STATION | STATION NAME | YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ [illegible]					[illegible]	1.1	2.6	2.7	.1				[illegible]
≥ [illegible]			.2	1.4	7.[illegible]	35.5	68.1	66.1	25.4	2.6			1[illegible].4
≥ [illegible]		.2	3.5	17.8	48.8	87.7	97.7	95.8	74.5	22.7	2.9	.1	37.9
≥ [illegible]	4.0	4.7	20.1	51.2	83.7	98.0	99.9	99.9	91.5	5[illegible].8	17.2	4.1	52.4
≥ [illegible]	13.5	18.3	42.0	77.0	[illegible]5.5	100.0	100.0	100.0	98.3	76.6	36.5	16.[illegible]	64.7
≥ [illegible]5	25.7	33.8	63.7	89.7	99.1				99.8	91.3	56.2	29.5	74.3
≥ [illegible]0	40.0	53.4	80.[illegible]0	96.6	99.9				100.0	97.9	73.4	46.8	82.5
≥ [illegible]5	5[illegible].8	71.1	90.6	100.0	100.0					99.1	84.8	68.4	89.[illegible]
≥ [illegible]	7[illegible].7	85.4	97.[illegible]							100.0	93.6	84.3	94.6
≥ 6[illegible]	86.7	93.5	99.3								98.5	94.2	97.7
≥ 40	[illegible]4.0	98.5	99.9								99.8	98.6	99.2
≥ 35	[illegible]8.5	[illegible]9.8	100.0								100.0	100.0	99.9
≥ 3[illegible]	[illegible]9.6	100.0											100.0
≥ 2[illegible]	100.0												100.0
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S.D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL OBS.	[illegible]1	87[illegible]	[illegible]1	[illegible]0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

NAVWEASERVCOM



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

12928	KINGSVILLE, TX	1946-1946 1952-1983	JANUARY
STATION	STATION NAME	YEARS	MONTH

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	58.5	12.5	64.0	17.8	86	30.0	1976	45.1	7.3	30	-1.1	1979
2	55.5	13.1	64.7	18.2	82	27.8	1952	46.3	7.9	23	-5.0	1979
3	54.6	12.6	63.9	17.7	91	32.8	1971	45.3	7.4	20	-6.7	1979
4	54.4	12.4	63.9	17.7	82	27.8	1957*	44.9	7.2	28	-2.2	1959
5	54.7	12.6	64.3	18.1	84	28.9	1946	45.0	7.2	30	-1.1	1969
6	56.3	13.5	66.0	18.9	87	30.6	1957	46.6	8.1	30	-1.1	1972*
7	55.4	13.0	65.5	18.6	83	28.3	1975*	45.3	7.4	23	-5.0	1970
8	55.9	13.3	65.7	18.7	87	30.6	1957	46.2	7.9	25	-3.9	1976
9	55.2	12.9	65.5	18.6	89	31.7	1957	44.9	7.2	26	-3.3	1962
10	53.4	11.9	63.8	17.7	91	32.8	1976	43.1	6.2	22	-5.6	1962
11	53.1	11.7	63.3	17.4	84	28.9	1980	42.9	6.1	23	-5.0	1982*
12	53.6	12.0	64.0	17.8	86	30.0	1960	43.3	6.3	17	-8.3	1962
13	55.2	12.9	65.2	18.4	88	31.1	1972	45.2	7.4	19	-7.2	1978
14	56.5	13.6	67.4	19.7	85	29.4	1962	45.6	7.6	22	-5.6	1982
15	56.5	13.6	67.8	19.9	83	28.3	1983	45.1	7.3	32	.0	1979
16	55.6	13.1	67.0	19.4	82	27.8	1978	44.2	6.8	31	-.6	1982*
17	56.2	13.4	68.9	20.5	87	30.6	1978	43.5	6.1	28	-2.2	1982
18	57.5	14.2	67.0	19.4	85	29.4	1978	47.9	8.8	29	-1.7	1977
19	56.6	13.7	66.3	19.1	83	28.3	1982	46.8	8.2	27	-2.8	1977
20	57.1	13.9	67.2	19.6	87	30.6	1972*	47.1	8.4	25	-3.9	1978
21	56.9	13.8	67.3	19.6	85	29.4	1972	46.5	8.1	29	-1.7	1963
22	57.9	14.4	68.3	20.2	92	33.3	1972	47.5	8.6	31	-.6	1959
23	55.6	13.1	65.9	18.8	92	33.2	1972	45.3	7.4	26	-3.3	1963
24	55.2	12.9	65.3	18.5	89	31.7	1972	45.1	7.3	28	-2.2	1963
25	59.1	15.1	70.1	21.2	88	31.1	1965	48.1	9.0	33	.6	1983
26	60.6	15.9	73.0	22.8	90	32.2	1972	48.2	9.0	31	-.6	1978
27	59.5	15.3	69.3	20.7	87	30.6	1974	49.7	9.8	30	-1.0	1976
28	58.8	14.9	68.8	20.4	84	28.9	1965	48.7	9.3	29	-1.7	1976
29	59.9	15.5	70.1	21.2	86	30.0	1957*	49.7	9.8	29	-1.7	1973
30	58.8	14.9	69.9	21.1	92	33.3	1981	47.7	8.7	28	-2.2	1966
31	59.3	15.2	69.8	21.0	87	30.6	1957	48.8	9.3	28	-2.2	1979
Monthly	56.4	13.6	66.8	19.3	92	33.3	1972*	45.9	7.8	17	-8.3	1962

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

12928	KINGSVILLE, TX	1956-1996 1952-1983	FEBRUARY
STATION	STATION NAME	YEARS	MONTH

DAY	MEAN TEMP AVERAGE °F	°C	MAXIMUM TEMP AVERAGE °F	°C	EXTREME °F	°C	DATE	MINIMUM TEMP AVERAGE °F	°C	EXTREME °F	°C	DATE
1	60.5	15.8	69.6	20.9	87	30.6	1983	51.3	10.7	32	.0	1980
2	57.2	14.0	67.0	19.4	91	32.8	1963	47.4	8.6	35	1.7	1966
3	56.0	13.3	65.2	18.4	88	31.1	1957	46.8	8.2	30	-1.1	1970
4	58.1	14.5	68.9	20.5	85	29.4	1957e	47.3	8.5	30	-1.1	1972
5	59.6	15.3	70.8	21.6	85	29.4	1983	48.4	9.1	29	-1.7	1982
6	57.3	14.1	67.6	19.8	82	27.6	1983e	47.0	8.3	27	-2.8	1982
7	56.2	13.4	65.8	18.8	83	28.3	1969	46.8	8.2	31	-.6	1975
8	58.1	14.5	69.0	20.6	91	32.8	1963	46.9	8.3	29	-1.7	1971
9	59.0	15.0	70.6	21.4	95	35.0	1963	47.3	8.5	27	-2.8	1974
10	59.0	15.0	71.4	21.9	96	35.6	1954	46.6	8.1	27	-2.8	1980
11	58.6	14.8	69.8	20.8	86	30.0	1957	47.4	8.7	27	-2.8	1981
12	59.1	15.1	69.8	21.0	86	30.0	1952	48.4	9.2	29	-1.7	1963
13	59.3	15.2	70.3	21.4	85	29.4	1952	48.3	9.0	29	-1.7	1958
14	61.2	16.2	71.8	22.1	85	29.4	1979	50.7	10.4	30	-1.1	1963
15	61.7	16.5	71.6	22.0	88	31.1	1952	51.8	11.0	37	2.8	1983
16	59.8	15.4	70.8	21.6	90	32.2	1952	48.8	9.4	33	.6	1979
17	59.8	15.4	70.6	21.4	94	34.4	1952	49.0	9.4	32	.0	1980e
18	60.1	15.6	69.8	21.0	93	33.9	1975	50.4	10.2	36	2.1	1979e
19	60.8	16.0	70.6	21.4	90	32.2	1980	51.0	10.6	32	.0	1978
20	60.9	16.1	70.6	21.4	89	31.7	1980	51.2	10.7	39	3.9	1978
21	60.1	15.6	70.4	21.3	90	32.2	1957	49.8	9.9	33	.6	1978
22	59.3	15.2	70.2	21.2	92	33.3	1957	48.4	9.1	30	-1.1	1978
23	59.8	15.4	70.8	21.6	85	29.4	1957e	48.8	9.3	31	-.6	1958
24	60.0	15.6	71.0	21.7	89	31.7	1957e	49.0	9.4	29	-1.7	1958
25	60.7	15.9	71.1	21.7	90	32.2	1957	50.3	10.2	28	-2.2	1960
26	61.8	16.6	72.4	22.4	93	33.9	1957	51.2	10.7	34	1.1	1975
27	63.2	17.3	74.4	23.6	92	33.3	1983	52.0	11.1	34	1.1	1982
28	63.0	17.2	74.0	23.3	91	32.8	1983	52.0	11.1	34	1.1	1982
29	61.7	16.5	73.0	22.8	91	32.8	1983	50.4	10.2	34	1.1	1958
30												
31												
Monthly	59.7	15.4	70.2	21.2	95	35.0	1963	49.2	9.6	27	-2.8	1982

DMAAVOCEANMET--SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

12928	KINGSVILLE, TX	1945-1946 1952-1983	MARCH
STATION	STATION NAME	YEARS	MONTH

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	64.3	17.8	76.2	24.6	93	33.9	1975	52.9	12.2	36	2.2	1962
2	65.7	18.7	78.8	26.0	90	32.2	1983	54.9	12.7	26	-3.3	1980
3	65.7	18.7	76.3	24.6	88	31.1	1976	55.2	12.9	30	-1.1	1980
4	64.5	18.1	76.7	24.7	93	33.9	1983	54.3	12.4	32	.0	1971
5	63.2	17.3	73.3	22.9	88	31.1	1957	53.1	11.7	33	.6	1974
6	62.9	17.2	73.6	23.1	91	32.8	1965	52.3	11.3	38	3.3	1959
7	63.6	17.6	76.6	24.6	89	31.7	1983	52.5	11.4	36	2.2	1982
8	63.6	17.6	76.6	24.6	88	31.1	1983	52.5	11.4	35	1.7	1956
9	65.7	18.7	76.9	24.8	87	30.6	1983	54.6	12.7	39	3.9	1978
10	67.4	19.7	77.9	25.5	93	33.9	1955	57.0	13.9	40	4.4	1978
11	67.9	19.9	77.5	25.3	98	36.8	1953	58.3	14.6	44	6.7	1959
12	67.3	19.6	77.6	25.3	95	35.0	1978	57.1	13.9	41	5.0	1959
13	65.6	18.7	76.2	24.6	93	33.9	1977	55.0	12.8	38	3.3	1970
14	66.6	19.2	76.6	24.8	89	31.7	1977	56.6	13.7	37	2.8	1975
15	67.0	19.4	76.9	24.9	89	31.7	1978	57.1	13.9	39	3.9	1956
16	66.7	19.3	76.1	24.5	92	33.3	1980	57.2	13.8	38	3.3	1982
17	67.5	19.7	76.8	24.9	92	33.3	1977	58.3	14.6	40	4.4	1976*
18	67.9	19.9	76.7	24.8	91	32.8	1974	59.2	15.1	36	2.2	1980
19	67.7	19.8	76.7	24.8	88	31.1	1976	58.7	14.7	38	3.3	1958
20	68.2	20.1	79.5	26.4	101	38.3	1978	57.0	13.9	36	2.2	1965
21	68.6	20.3	77.0	25.0	101	38.3	1957	60.2	15.7	41	5.0	1983
22	68.0	20.0	78.0	25.6	93	33.9	1971	58.0	14.4	39	3.9	1970
23	68.5	20.3	79.0	26.1	97	36.1	1968	58.0	14.4	41	5.0	1968
24	67.9	19.9	78.0	25.6	97	36.1	1983	57.8	14.3	38	3.3	1974
25	67.8	19.9	76.9	24.9	93	33.9	1977	58.6	14.8	39	3.9	1974
26	68.2	20.1	78.0	25.6	89	31.7	1977	58.4	14.7	37	2.8	1955
27	67.8	19.9	77.0	25.0	96	35.6	1977	58.6	14.8	38	3.3	1983
28	70.2	21.2	80.2	26.8	93	33.9	1977	60.2	15.7	40	4.4	1983*
29	70.8	21.6	79.6	26.4	96	35.6	1977	62.0	16.7	43	6.1	1958
30	69.9	21.1	78.8	26.0	93	33.9	1983	61.0	16.1	39	3.9	1983
31	70.3	21.3	81.1	27.3	97	36.1	1983	59.5	15.3	38	3.3	1983
Monthly	66.8	19.3	77.0	25.1	101	38.3	1957	56.6	13.6	26	-3.3	1980

*ALSO ON EARLIER YEARS

DMAHTCDAHNET-0008



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

12928	KINGSVILLE, TX	1945-1946 1962-1983	APRIL
STATION	STATION NAME	YEARS	MONTH

DAY	MEAN TEMP AVERAGE °F	°C	MAXIMUM TEMP AVERAGE °F	°C	EXTREME °F	°C	DATE	MINIMUM TEMP AVERAGE °F	°C	EXTREME °F	°C	DATE
1	71.5	21.9	82.2	27.9	96	35.6	1982	60.8	15.9	53	6.1	1962
2	71.9	22.2	82.4	28.0	89	31.7	1982	61.3	16.3	55	7.2	1981
3	72.9	22.7	83.1	28.4	95	35.0	1980	62.6	17.0	61	16.0	1975
4	71.4	21.9	81.6	27.6	94	34.4	1955	61.2	16.2	56	13.7	1960
5	69.3	20.7	79.7	26.5	96	35.6	1982	58.8	14.9	53	11.7	1976
6	68.9	20.5	80.6	27.0	93	33.9	1983	57.0	13.9	41	5.0	1963
7	70.9	21.6	81.3	27.4	100	37.8	1983	60.5	15.8	42	5.6	1971
8	72.4	22.4	82.5	28.1	98	36.7	1983	62.3	16.8	46	7.8	1971
9	70.9	21.6	79.6	26.4	101	38.3	1983	62.2	16.8	43	6.1	1983
10	70.9	21.6	79.8	26.6	92	33.3	1983	62.0	16.7	47	8.3	1983
11	72.5	22.5	81.6	27.6	95	35.0	1979	63.4	17.4	50	10.0	1982
12	72.6	22.6	81.6	27.6	96	35.6	1980	63.6	17.6	48	8.9	1980
13	72.3	22.4	81.6	27.6	98	36.7	1983	63.0	17.2	47	8.3	1980
14	71.6	22.0	81.2	27.3	97	36.1	1983	62.0	16.7	39	3.9	1980
15	72.2	22.3	81.6	27.6	98	36.7	1983	62.8	17.1	47	8.3	1983
16	72.3	22.4	81.7	27.6	92	33.3	1983	62.9	17.2	46	7.7	1983
17	73.1	22.8	83.0	28.3	93	33.9	1983	63.2	17.3	48	8.9	1983
18	75.5	24.2	86.1	30.1	99	37.2	1983	64.9	18.3	52	11.1	1977
19	76.2	24.6	87.0	30.6	97	36.1	1983	65.4	18.6	49	9.4	1983
20	74.7	23.7	83.6	28.7	96	35.6	1983	65.8	18.8	50	10.0	1980
21	73.4	23.0	81.8	27.7	96	35.6	1983	65.0	18.3	50	10.0	1983
22	75.5	24.2	83.4	28.6	97	36.1	1983	67.6	19.8	51	10.6	1983
23	78.8	26.0	88.4	31.3	99	37.2	1983	69.2	20.7	53	11.7	1983
24	79.2	26.2	89.4	31.9	99	37.2	1983	69.0	20.6	53	11.7	1983
25	78.2	25.7	88.4	31.3	99	37.2	1983	68.0	20.0	51	10.6	1983
26	77.2	25.1	86.4	30.2	97	36.1	1983	68.0	20.0	51	10.6	1983
27	75.2	24.0	83.4	28.6	93	33.9	1983	67.0	19.4	51	10.6	1983
28	77.0	25.0	85.2	29.6	97	36.1	1983	68.8	20.4	51	10.6	1983
29	77.1	25.1	85.2	29.6	97	36.1	1983	69.0	20.6	53	11.7	1983
30	78.2	25.7	87.2	30.7	98	36.7	1983	69.2	20.7	53	11.7	1983
31												
Monthly	73.6	23.1	83.1	28.4	101	38.3	1983	63.8	17.7	39	3.9	1980

DENAVOCEANMET-5806



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

12928	KINGSVILLE, TX	1948-1986 1952-1983	MAY
STATION	STATION NAME	YEARS	MONTH

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	76.3	24.6	86.8	30.4	100	37.8	1983	67.8	19.9	55	12.8	1965
2	75.2	24.0	83.7	28.7	98	36.7	1983	66.8	19.3	52	11.1	1976
3	76.7	24.7	83.3	28.5	91	32.8	1957	68.0	18.9	50	10.0	1956
4	74.4	23.6	84.1	28.9	90	32.2	1957e	64.8	18.2	48	8.9	1954
5	75.6	24.2	84.2	29.0	97	36.1	1971	66.9	19.4	51	10.6	1978e
6	76.2	24.6	86.8	30.4	98	36.7	1957	67.6	19.8	53	11.7	1979
7	77.4	25.2	86.8	30.4	98	36.8	1957	68.8	20.4	54	12.0	1982e
8	77.6	25.3	86.6	30.3	102	38.9	1957	68.6	20.3	53	11.7	1960
9	77.6	25.4	88.0	31.1	98	36.7	1952	69.7	20.9	51	10.6	1973
10	78.2	25.7	86.8	30.4	96	35.6	1971e	70.8	21.6	55	12.8	1961
11	77.9	25.5	86.5	30.3	98	36.7	1957	69.6	20.9	54	12.2	1961
12	78.2	25.7	87.8	31.0	102	38.8	1957	69.3	20.7	56	13.3	1952
13	77.8	25.4	86.2	30.2	98	36.8	1957	69.3	20.7	57	13.9	1958
14	77.4	25.2	86.3	30.2	96	35.6	1957	68.6	20.3	56	13.2	1979e
15	77.8	25.4	86.6	30.3	96	35.6	1957	69.1	20.6	57	13.9	1979
16	77.9	25.5	86.8	30.4	98	36.7	1957	69.0	20.6	57	13.9	1983e
17	78.1	25.6	86.6	30.3	97	36.1	1976	69.6	20.8	54	12.2	1970
18	78.2	25.7	86.8	30.4	96	35.6	1976	69.7	20.9	57	13.9	1970
19	78.8	26.0	87.9	31.0	99	37.2	1976	69.7	20.9	58	14.7	1956
20	78.9	26.1	87.8	31.0	100	37.8	1976	70.0	21.1	59	15.0	1981
21	79.2	26.2	87.8	31.0	99	37.2	1976	70.6	21.4	59	15.0	1957e
22	80.3	26.8	89.1	31.7	98	36.7	1957	71.6	22.0	59	15.0	1963
23	80.1	26.7	88.8	31.6	101	38.3	1963	71.4	21.9	61	16.1	1957
24	80.4	26.9	89.0	31.7	99	37.2	1957	71.8	22.1	62	16.7	1957
25	81.4	27.4	89.8	32.1	97	36.1	1963	73.0	22.8	63	17.2	1963
26	81.9	27.7	90.2	32.3	100	37.8	1963	73.6	23.1	63	17.2	1979
27	81.8	27.7	90.2	32.3	100	37.8	1963	73.4	23.0	63	17.2	1979e
28	81.7	27.6	90.0	32.2	99	37.2	1974	73.4	23.0	62	16.7	1974
29	82.0	27.8	90.2	32.3	99	37.2	1963	73.8	23.2	63	17.2	1963
30	81.8	27.7	90.1	32.3	97	36.1	1963	73.5	23.1	63	17.2	1963
31	81.8	27.7	90.0	32.2	97	36.1	1963	73.6	23.1	63	17.2	1963
Monthly	78.6	25.9	87.8	31.0	102	38.9	1957	69.9	21.1	50	10.0	1956

e=Also on Earlier Date(s)

DMAAC/GSSD/ASHEVILLE-83006



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

12928	KINGSVILLE, TX	1965-1966 1951-1983	JUNE
STATION	STATION NAME	YEARS	MONTH

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP DATE
1	81.0	27.2	89.6	32.0	97	36.1	1983	72.4	22.4	60	15.6	1975
2	80.3	26.8	89.6	32.0	97	36.1	1983	71.0	21.7	60	15.6	1975
3	80.8	27.1	89.6	32.0	95	35.0	1983	72.0	22.2	61	16.1	1970
4	81.1	27.3	89.7	32.1	98	36.6	1970*	72.6	22.6	64	17.8	1970*
5	81.3	27.4	90.2	32.3	98	36.6	1970*	72.4	22.4	64	17.8	1970*
6	82.0	27.8	91.0	32.8	95	35.0	1983	73.0	22.8	63	17.2	1969
7	82.3	28.1	90.8	32.7	97	36.1	1983	73.8	23.2	66	18.9	1983
8	82.6	28.1	91.2	32.9	98	36.6	1970*	74.0	23.3	65	18.3	1970
9	82.6	28.1	91.1	32.8	97	36.1	1983	74.1	23.4	67	19.4	1983
10	82.1	27.8	90.2	32.3	95	35.0	1983	74.0	23.3	69	20.6	1955
11	82.6	28.1	90.8	32.7	98	36.6	1970*	74.4	23.6	65	18.3	1970*
12	82.6	28.2	91.2	32.9	100	37.8	1961	74.0	23.3	68	20.0	1970
13	83.2	28.4	92.0	33.3	99	37.2	1983	74.4	23.6	68	20.0	1970
14	83.0	28.3	91.8	33.2	99	37.2	1983	74.2	23.4	65	18.3	1970
15	84.2	29.0	92.8	33.8	98	36.6	1970	75.6	24.2	66	18.9	1970
16	84.0	28.9	92.8	33.8	98	36.6	1970	75.2	24.0	68	20.0	1970
17	83.7	28.7	91.8	33.2	97	36.1	1983	75.6	24.2	68	20.0	1970
18	83.8	28.8	91.8	33.2	98	36.6	1970*	75.8	24.3	70	21.1	1970*
19	83.8	28.8	92.0	33.3	98	36.6	1970*	75.6	24.2	70	21.1	1970*
20	83.8	28.8	91.8	33.2	97	36.1	1983	75.8	24.3	68	20.0	1983
21	83.8	28.8	91.8	33.2	97	36.1	1983	75.8	24.3	69	20.6	1970
22	83.8	28.8	91.8	33.2	98	36.6	1970	75.8	24.3	68	20.0	1970
23	83.8	28.8	91.8	33.2	98	36.6	1970*	75.8	24.3	70	21.1	1970*
24	83.9	28.8	91.8	33.2	98	36.6	1970	75.9	24.4	69	20.6	1970
25	83.8	28.8	91.8	33.2	98	36.6	1970	75.8	24.3	69	20.6	1970
26	83.8	28.8	91.8	33.2	98	36.6	1970	75.8	24.3	69	20.6	1970
27	83.8	28.8	91.8	33.2	98	36.6	1970	75.8	24.3	69	20.6	1970
28	83.8	28.8	91.8	33.2	98	36.6	1970	75.8	24.3	69	20.6	1970
29	83.8	28.8	91.8	33.2	98	36.6	1970	75.8	24.3	69	20.6	1970
30	83.8	28.8	91.8	33.2	98	36.6	1970	75.8	24.3	69	20.6	1970
31												
Monthly	83.0	28.3	91.8	33.2	100	37.8	1961	74.2	23.4	60	15.6	1975

[illegible]

[illegible]



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

12928	KINGSVILLE, TX	1965-1966 1981-1983	JULY
STATION	STATION NAME	YEARS	MONTH

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	86.2	29.6	93.7	34.3	[illegible]	37.8	[illegible]	78.7	25.9	70	21.1	1958
2	86.0	29.9	93.0	33.9	[illegible]	37.8	[illegible]	79.0	26.1	72	22.2	1963*
3	86.7	30.4	93.0	33.9	98	36.7	[illegible]	80.3	26.8	71	21.7	1963
4	86.0	30.0	93.7	34.3	[illegible]	37.8	1967	78.7	25.9	71	21.7	1974
5	86.5	30.3	93.0	33.9	97	36.1	1963*	79.7	26.5	73	22.7	1975*
6	86.2	30.0	93.0	33.9	99	37.2	1970	79.3	26.3	68	20.0	1981*
7	86.5	30.3	93.3	34.1	98	36.7	1963	79.6	26.4	70	21.1	1974
8	86.5	30.3	93.3	34.1	98	36.7	1970	79.7	26.5	72	22.2	1974
9	86.5	30.3	93.3	34.1	98	36.7	1980	79.6	26.4	72	22.2	1977
10	86.3	30.2	93.7	34.3	98	36.7	1980*	79.0	26.1	69	20.6	1975
11	86.0	30.0	93.0	33.9	97	36.1	1980*	79.0	26.1	71	21.7	1983
12	85.9	29.9	93.3	34.1	100	37.8	1956	78.7	26.0	72	22.2	1983*
13	86.5	30.3	93.0	33.9	99	37.2	1980*	79.7	26.5	71	21.7	1975
14	86.5	30.3	93.3	34.1	[illegible]	[illegible]	[illegible]	79.7	26.5	68	20.0	1974
15	86.5	30.3	93.0	33.9	[illegible]	[illegible]	[illegible]	80.0	26.6	68	20.0	1957
16	86.5	30.3	93.0	33.9	[illegible]	[illegible]	[illegible]	80.0	26.6	69	18.3	1957
17	86.5	30.3	93.0	33.9	[illegible]	[illegible]	[illegible]	79.7	26.5	71	21.7	1974
18	86.5	30.3	93.0	33.9	[illegible]	[illegible]	[illegible]	79.7	26.5	72	22.2	1980
19	86.5	30.3	93.0	33.9	[illegible]	[illegible]	[illegible]	79.7	26.5	71	21.7	1974
20	86.5	30.3	93.0	33.9	[illegible]	[illegible]	[illegible]	79.7	26.5	69	20.6	1974
21	86.5	30.3	93.0	33.9	[illegible]	[illegible]	[illegible]	79.7	26.5	70	21.1	1979
22	86.2	30.1	93.0	33.9	[illegible]	[illegible]	[illegible]	79.4	26.3	71	21.7	1974
23	86.2	30.1	93.0	33.9	[illegible]	[illegible]	[illegible]	79.4	26.3	71	21.7	1974
24	86.0	30.0	93.0	33.9	[illegible]	[illegible]	[illegible]	79.0	26.1	71	21.7	1974
25	86.0	30.0	93.0	33.9	[illegible]	[illegible]	[illegible]	79.0	26.1	69	20.6	1979
26	86.0	30.0	93.0	33.9	[illegible]	[illegible]	[illegible]	79.0	26.1	71	21.7	1981*
27	86.0	30.0	93.0	33.9	[illegible]	[illegible]	[illegible]	79.0	26.1	71	21.7	1974*
28	86.0	30.0	93.0	33.9	[illegible]	[illegible]	[illegible]	79.0	26.1	71	21.7	1974*
29	86.0	30.0	93.0	33.9	[illegible]	[illegible]	[illegible]	79.0	26.1	71	21.7	1974*
30	86.0	30.0	93.0	33.9	[illegible]	[illegible]	[illegible]	79.0	26.1	71	21.7	1974
31	86.0	30.0	93.0	33.9	[illegible]	[illegible]	[illegible]	79.0	26.1	71	21.7	1974
Monthly	86.4	30.2	93.3	34.1	[illegible]	[illegible]	[illegible]	79.4	26.3	[illegible]	[illegible]	[illegible]

[illegible]

[illegible]



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

12928	KINGSVILLE, TX	1965-1986 1951-1983	AUGUST
STATION	STATION NAME	YEARS	MONTH

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	88.7	29.8	96.8	36.0	101	38.3	1976	78.6	25.8	71	21.7	1976
2	88.9	29.7	96.8	36.0	104	40.0	1977	78.8	26.0	70	21.1	1976
3	89.0	29.4	95.9	35.5	100	37.8	1969	78.8	26.0	71	21.7	1976
4	88.2	29.0	94.4	34.7	100	37.8	1969*	78.0	25.6	70	21.1	1978
5	88.8	29.3	96.2	35.6	99	37.2	1953	78.9	26.2	71	21.7	1978
6	88.1	29.0	96.1	35.6	100	37.8	1953	78.9	26.0	71	21.7	1982*
7	88.0	29.0	96.0	35.6	100	37.8	1976*	78.8	26.0	72	22.2	1981*
8	88.0	29.1	96.0	35.6	103	39.4	1951	78.0	26.0	71	21.7	1978
9	88.2	29.0	96.1	35.6	103	39.4	1976*	78.3	26.0	70	21.1	1975
10	88.0	29.0	95.9	35.5	104	40.0	1952	78.0	26.0	71	21.7	1981*
11	88.3	29.1	96.1	35.6	102	38.9	1952	78.6	26.0	69	20.6	1965
12	88.3	29.1	96.2	35.6	103	39.4	1976	78.4	26.0	70	21.1	1965
13	88.1	29.0	95.8	35.4	101	38.3	1952	78.4	26.0	66	18.9	1967
14	88.1	29.0	96.0	35.6	102	38.9	1952	78.1	26.0	69	20.6	1967
15	88.3	29.0	96.2	35.7	100	37.8	1952*	78.4	26.0	68	20.0	1967
16	88.0	29.1	96.0	35.6	102	38.9	1952	78.0	26.0	70	21.1	1967
17	88.1	29.0	95.9	35.5	101	38.3	1952	78.2	26.0	70	21.1	1979
18	88.1	29.0	95.9	35.5	101	38.3	1952	78.2	26.0	70	21.1	1965
19	88.2	29.0	96.0	35.6	100	37.8	1976*	78.4	26.0	71	21.8	1976*
20	88.0	29.0	95.9	35.5	99	37.2	1977	78.0	26.0	71	21.7	1982
21	88.0	29.0	95.9	35.5	99	37.2	1952	78.0	26.0	69	20.6	1976
22	88.0	29.0	95.9	35.5	101	38.3	1952	78.0	26.0	68	20.0	1976
23	88.0	29.0	96.0	35.6	100	37.8	1952	78.0	26.0	70	21.1	1976*
24	88.0	29.0	95.9	35.5	99	37.2	1952	78.0	26.0	71	21.7	1979
25	87.9	29.0	95.9	35.5	99	37.2	1952	77.9	25.9	69	20.6	1979
26	88.0	29.0	95.9	35.5	98	36.7	1952	78.0	26.0	68	20.0	1965
27	88.0	29.0	95.9	35.5	100	37.8	1952	78.0	26.0	69	20.6	1965
28	87.9	29.0	95.9	35.5	100	37.8	1952	77.9	25.9	69	20.6	1965
29	87.9	29.0	95.9	35.5	100	37.8	1952	77.9	25.9	69	20.6	1979*
30	87.9	29.0	95.9	35.5	100	37.8	1952	77.9	25.9	69	20.6	1979*
31	87.9	29.0	95.9	35.5	100	37.8	1952	77.9	25.9	69	20.6	1979*
Monthly	88.2	29.0	96.0	35.6	104	40.0	1977	78.2	26.0	66	18.9	1967

*BASED ON EARLIER YEARS

DENAVOCEANMET-00006



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

12928	KINGSVILLE, TX	1945-1946 1951-1983	SEPTEMBER
STATION	STATION NAME	YEARS	MONTH

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	84.1	28.9	92.8	33.8	101	38.3	1982*	75.4	24.1	72	22.2	1980*
2	84.1	28.9	92.8	33.8	100	37.8	1952	75.5	24.2	71	21.7	1978
3	83.5	28.6	91.6	33.1	97	36.1	1983	75.5	24.2	70	21.1	1976
4	83.0	28.3	91.7	33.2	97	36.1	1983*	74.3	23.5	69	15.0	1976
5	82.2	27.9	91.1	32.8	101	38.3	1977	73.4	23.0	67	15.9	1976
6	82.6	28.1	91.6	33.1	99	37.2	1971*	73.6	23.1	64	12.2	1976
7	82.5	28.1	91.8	33.2	98	36.7	1971	73.9	23.3	67	13.9	1976
8	82.2	27.9	90.6	32.6	97	36.1	1973*	73.8	23.2	63	17.2	1976
9	82.7	28.2	91.8	33.1	96	35.6	1970*	74.0	23.3	62	16.7	1976
10	82.6	28.1	91.0	32.8	102	38.9	1983	74.1	23.4	64	17.8	1976
11	81.6	27.6	90.1	32.3	100	37.8	1982	73.2	22.9	66	18.9	1957
12	81.9	27.7	91.0	32.8	99	37.2	1973	72.9	22.7	68	19.6	1959
13	81.6	27.6	89.9	32.2	98	36.7	1977	73.3	23.0	66	18.9	1976*
14	81.1	27.3	89.9	32.2	97	36.1	1982*	72.3	22.4	64	17.8	1976
15	81.4	27.4	90.2	32.3	97	36.1	1983*	72.5	22.5	64	17.8	1979
16	82.2	27.9	91.2	32.9	97	36.1	1983	73.1	22.8	60	15.6	1979
17	81.4	27.4	90.2	32.3	97	36.1	1983	72.5	22.5	62	16.7	1981
18	81.0	27.2	89.9	32.2	96	35.6	1983	72.0	22.2	58	14.4	1983
19	81.3	27.4	90.2	32.3	98	36.7	1983	72.3	22.4	52	11.1	1981
20	81.3	27.4	90.0	32.2	97	36.1	1983*	72.7	22.6	60	15.6	1981
21	80.7	27.1	89.2	31.8	95	35.0	1983	72.2	22.3	56	13.4	1983
22	80.3	26.8	89.0	31.7	95	35.0	1981	71.6	21.9	54	12.2	1983
23	79.4	26.3	88.2	31.2	93	33.9	1977*	70.7	21.5	54	12.2	1975
24	79.8	26.6	88.9	31.6	95	35.0	1983	70.7	21.5	54	12.2	1975
25	79.3	26.3	88.2	31.2	95	35.0	1978*	70.3	21.3	56	13.3	1978
26	79.1	26.2	87.7	30.9	93	33.9	1978*	70.5	21.4	53	11.8	1978
27	78.7	25.9	88.0	31.1	89	31.7	1977	69.5	20.8	54	12.2	1968
28	78.0	25.6	87.2	30.7	96	35.6	1983	68.8	20.4	53	11.8	1957
29	77.7	25.4	87.0	30.6	93	33.9	1978*	68.4	20.2	53	11.8	1957
30	77.6	25.3	87.2	30.7	90	32.2	1968	68.1	20.1	51	10.7	1976
31												
Monthly	81.8	27.7	90.8	32.6	102	38.9	1983	72.8	22.6	72	22.2	1980

*ALSO ON EARLIER YEARS

DEPARTMENT OF COMMERCE



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

12928	KINGSVILLE, TX	1945-1946 1951-1983	OCTOBER
STATION	STATION NAME	YEARS	MONTH

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	76.7	24.8	86.7	30.4	96	35.6	1981*	66.8	19.2	50	10.0	1974
2	77.4	25.2	87.3	30.7	95	35.0	1977	67.8	19.7	57	13.9	1963*
3	78.0	25.6	87.4	30.8	94	34.4	1981*	68.6	20.3	53	11.7	1975
4	77.4	25.2	86.5	30.3	95	35.0	1956	68.2	20.1	50	10.0	1978*
5	77.1	25.1	86.4	30.2	96	35.6	1963*	67.9	19.9	51	10.6	1975
6	77.2	25.1	87.0	30.6	94	34.4	1981	67.5	19.7	52	11.1	1964
7	75.8	24.3	85.9	29.9	96	35.6	1981	65.7	18.7	52	11.1	1964
8	75.9	24.4	86.2	30.1	94	34.4	1982*	65.7	18.7	44	6.7	1952
9	75.8	24.3	86.2	30.1	96	35.6	1962	65.3	18.5	45	7.2	1952
10	75.5	24.2	85.4	29.7	93	33.9	1981*	65.7	18.7	51	10.6	1976*
11	76.0	24.4	86.0	30.0	93	33.9	1981*	66.0	18.9	50	10.0	1979
12	76.0	24.4	85.4	29.7	94	34.4	1969	66.6	19.2	51	10.6	1977
13	75.8	24.2	85.2	29.6	93	33.9	1981	65.7	18.7	44	6.7	1977
14	75.3	24.1	84.9	29.4	94	34.4	1981*	65.7	18.7	49	9.4	1977
15	74.8	23.8	84.4	29.1	93	33.9	1977	65.7	17.6	49	9.4	1978*
16	73.8	23.2	83.6	28.6	92	33.3	1981*	63.9	17.4	46	8.7	1974
17	73.8	23.2	83.6	28.8	93	33.9	1980*	63.9	17.7	48	8.9	1974
18	72.9	22.7	83.0	28.4	93	33.9	1980	62.8	16.9	49	9.4	1974
19	72.3	22.4	82.9	28.3	91	32.8	1982*	63.7	16.5	49	9.4	1976
20	71.8	22.0	82.4	28.0	93	33.9	1956	60.7	15.9	42	5.6	1976
21	72.5	22.5	82.8	28.2	90	32.2	1973*	62.2	16.8	45	7.2	1976
22	72.6	22.6	82.7	28.2	92	33.3	1957	62.6	17.0	49	9.4	1965
23	72.6	22.6	83.3	28.5	94	34.4	1970*	61.9	16.6	43	6.1	1979
24	70.7	21.5	80.8	27.1	92	33.3	1970	60.6	15.9	41	5.0	1979
25	70.2	21.2	80.9	27.2	92	33.3	1970	59.6	15.3	43	6.1	1945
26	70.2	21.2	80.8	27.1	93	33.9	1969	59.6	15.3	43	6.1	1945
27	70.2	21.2	81.1	27.3	93	33.9	1970	59.3	15.2	44	6.6	1957
28	69.7	20.9	79.2	26.2	89	31.7	1983	60.2	15.7	41	5.0	1957
29	69.9	21.1	79.6	26.4	92	33.3	1971	60.2	15.7	43	6.1	1970
30	70.2	21.2	81.2	27.3	92	33.3	1973	59.2	15.1	41	5.0	1980
31	71.2	21.8	81.7	27.6	94	34.4	1978	60.8	16.0	37	2.8	1980
Monthly	73.8	23.2	83.9	28.8	96	35.6	1981*	63.9	17.8	37	2.8	1980

*ALSO ON EARLIER YEARS

DMAHYDROGRAPHIC—SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

13928	KINGSVILLE, TX	1945-1946 1951-1983	NOVEMBER
STATION	STATION NAME	YEARS	MONTH

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	70.3	21.3	81.2	27.3	90	32.2	1982*	59.4	15.2	43	6.1	1966
2	68.9	20.5	79.6	26.4	90	32.2	1982*	58.1	14.5	36	2.2	1966
3	67.0	19.4	76.9	24.9	89	31.7	1973	57.1	13.9	33	.6	1951
4	66.5	19.2	77.2	25.1	90	32.2	1973	55.9	13.3	38	3.3	1967
5	67.9	19.9	78.7	25.9	92	33.3	1973	57.1	13.9	39	3.9	1970
6	68.9	19.4	76.8	24.9	91	32.8	1963	57.1	13.9	37	2.8	1954
7	66.8	19.3	77.1	25.1	89	31.7	1975*	56.5	13.6	35	1.7	1959
8	66.8	19.3	77.2	25.1	91	32.8	1973	56.5	13.6	38	3.3	1959
9	66.2	19.0	76.9	24.9	91	32.8	1973*	55.5	13.1	42	5.6	1977*
10	64.1	17.8	74.4	23.6	87	30.6	1978	53.7	12.1	33	.6	1977
11	66.6	19.2	77.8	25.4	89	31.7	1962	55.3	12.9	35	1.7	1977
12	67.4	19.7	78.5	25.8	90	32.2	1969	56.3	13.5	39	3.9	1968
13	68.0	20.0	79.4	26.3	92	33.3	1951	56.6	13.7	37	2.8	1975
14	66.9	19.4	77.2	25.1	90	32.2	1983*	56.6	13.7	36	2.2	1975
15	66.7	19.3	76.9	24.9	91	32.8	1951	56.4	13.6	34	1.1	1969
16	66.9	19.4	76.6	24.8	89	31.7	1963	57.2	14.0	32	.0	1970
17	66.6	19.2	75.5	24.2	90	32.2	1958	57.8	14.3	33	.6	1959
18	65.4	18.6	74.6	23.7	89	31.7	1973	56.1	13.4	32	.0	1959
19	65.0	18.3	74.8	23.8	89	31.7	1973	55.2	12.8	34	1.1	1959
20	64.4	18.0	74.6	23.7	87	30.6	1982*	54.2	12.3	32	.0	1969
21	63.7	17.6	74.5	23.6	88	31.1	1963	52.9	11.6	36	2.2	1969
22	63.4	17.4	72.7	22.6	88	31.1	1982	54.1	12.3	37	2.8	1975
23	64.1	17.8	74.6	23.7	87	30.1	1968	53.6	12.0	34	1.1	1978
24	62.6	17.0	72.5	22.5	89	31.7	1973	52.7	11.5	31	-.6	1970
25	63.2	17.3	74.1	23.4	91	32.8	1963	52.3	11.3	36	2.2	1975
26	65.8	18.8	76.6	24.8	92	33.3	1963	54.9	12.7	33	.6	1974
27	61.9	16.6	73.2	22.9	88	31.1	1979	50.6	10.3	35	1.7	1980*
28	58.7	14.8	68.6	20.4	85	29.4	1971	48.8	9.3	32	.0	1975
29	57.9	14.4	67.8	19.9	85	29.4	1978*	47.9	8.8	32	.0	1975
30	58.5	14.7	68.9	20.5	85	29.4	1983	48.1	9.0	31	-.6	1979
31												
Monthly	65.2	18.4	75.9	24.4	92	33.3	1951	55.1	12.9	31	-.6	1979*

*ALSO ON EARLIER YEARS

DMAVOCEANMET-5005

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

12928	KINGSVILLE, TX	1965-1966 1951-1983	DECEMBER
STATION	STATION NAME	YEARS	MONTH

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	60.2	15.7	70.1	21.2	87	30.6	1982	50.2	10.1	32	.0	1976
2	63.2	17.3	74.0	23.3	88	31.1	1982*	52.5	11.4	38	3.3	1975
3	63.1	17.3	74.3	23.5	86	30.0	1970*	51.9	11.1	35	1.7	1976
4	62.5	16.9	73.2	22.9	89	31.7	1977	51.8	11.0	34	1.1	1968
5	63.3	17.4	75.1	23.9	93	33.9	1972	53.4	11.9	36	2.2	1964
6	61.6	16.4	72.1	22.3	91	32.8	1981	51.1	10.6	35	1.7	1964
7	60.1	15.6	70.8	21.6	87	30.6	1968	49.4	9.7	35	1.7	1959
8	60.8	16.0	71.3	21.8	86	30.0	1966	50.3	10.2	33	.6	1976
9	59.6	15.3	68.9	20.5	88	31.1	1971	50.2	10.1	27	-2.8	1978
10	57.8	14.3	67.1	19.5	87	30.6	1983	48.5	9.2	20	-6.7	1978
11	57.5	14.2	68.3	20.2	87	30.6	1979	46.7	8.2	30	-1.1	1966
12	56.1	13.4	66.9	19.4	84	28.9	1973	45.4	7.4	28	-2.2	1966
13	55.5	13.1	65.1	18.5	85	29.4	1951	46.0	7.8	28	-2.2	1966
14	55.5	13.1	64.9	18.3	85	29.4	1973	46.1	7.8	32	.0	1966
15	54.5	12.5	64.9	18.3	82	27.8	1969	44.1	6.7	30	-1.1	1964
16	55.6	13.1	66.6	19.2	86	30.0	1977	44.5	6.9	27	-2.8	1972
17	57.1	13.9	68.4	20.2	83	28.3	1964	45.9	7.7	30	-1.1	1974
18	59.3	15.0	69.7	20.9	85	29.4	1970	48.2	9.0	29	-1.7	1979
19	57.5	14.2	67.2	19.6	82	27.8	1970	47.9	8.8	30	-1.1	1983*
20	58.5	14.6	68.5	20.3	88	31.1	1978	48.1	8.9	30	-1.1	1973
21	57.5	14.2	67.5	19.7	84	28.9	1970	47.5	8.6	22	-5.6	1973
22	57.6	14.3	69.0	20.6	86	30.0	1970	46.7	8.2	27	-2.8	1983
23	58.6	14.8	68.7	20.4	85	29.4	1964	48.4	9.1	28	-2.2	1983
24	57.9	14.4	68.0	20.0	90	32.2	1974	47.8	8.8	22	-5.6	1983
25	56.3	13.5	67.3	19.6	90	32.2	1964	45.3	7.4	18	-7.8	1983
26	56.1	13.4	67.2	19.6	81	27.2	1960*	45.1	7.3	23	-5.0	1983
27	58.7	14.8	69.3	20.7	87	30.6	1968	48.1	8.9	28	-2.2	1983
28	58.9	14.9	69.6	20.9	86	30.0	1970	48.2	9.0	33	.6	1983
29	58.4	14.7	68.9	20.5	89	31.7	1970*	48.4	9.1	28	-2.2	1983
30	59.1	15.1	68.1	20.1	87	30.6	1951	50.1	10.1	18	-7.8	1983
31	56.2	13.4	66.6	19.2	86	30.0	1951	45.8	7.7	23	-5.0	1983
Monthly	58.6	14.8	68.9	20.5	93	33.9	1972	48.2	9.0	18	-7.8	1983

*ALSO ON EARLIER YEARS

DMAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

[illegible] STATION | KINGSVILLE, TX STATION NAME | 51-82 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]1						94		103	101	93	92	91	
[illegible]2	87	93	1[illegible]1	96	98	96	99	1[illegible]2	101	94	90	84	102
[illegible]3	83	86	93	100	100	101	100	103	98	93	87	89	103
[illegible]4	87	94	98	98	95	95	105	100	98	94	85	88	105
55	82	85	95	102	105	98	98	100	92	94	90	86	105
56	86	90	91	93	91	99	100	99	97	95	88	86	100
[illegible]7	89	91	88	90	98	100	101	100	97	95	87	82	101
[illegible]8	80	85	86	103	95	97		102	95	90	90	84	
[illegible]9	80	89	92	95	95	97	100	101	98	95	89	78	101
60	86	94	86	100	96	98	105	97	94	96	89	81	105
61	79	86	86	91	94	95	96	100	98	91	86	85	100
62	85	95	89	96	99	99	102	105	96	96	89	80	10[illegible]
63	85	91	89	101	94	98	96	98	95	88	91	83	[illegible]1
64	81	81	88	96	98	95	100	100	99	90	84	90	100
65	88	82	91	92	91	93	99	97	102	90	92	81	102
66	79	79	90	91	95	96	99	98	99	94	91	87	99
67	87	86	92	95	102	97	102	97	90	89	88	80	102
68	79	79	86	92	90	93	98	97	96	92	89	87	97
69	89	83	90	90	93	102	102	103	96	94	90	83	10[illegible]
70	83	83	91	94	91	94	99	101	96	94	87	86	101
71	92	87	99	93	97	98	101	96	99	93	90	88	101
72	92	87	98	97	92	98	96	96	96	94	89	93	98
73	84	80	87	95	103	96	103	101	99	93	92	86	103
74	91	89	94	93	96	96	97	99	95	89	87	90	99
75	90	92	98	99	95	97	97	95	94	90	89	83	99
76	87	91	101	89	93	97	94	105	96	93	87	72	105
77	82	94	92	94	93	98	101	104	101	96	85	89	104
78	83	88	89	94	101	95	96	97	94	92	87	88	101
79	80	87	87	95	97	95	100	98	98	92	88	87	100
80	88	91	93	96	98	104	102	98	94	93	89	83	104
MEAN													
S.D.													
TOTAL OBS.													

SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

1? ??	KINGSVILLE, TX	51-82
STATION	STATION NAME	YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
81	80	86	89	91	95	96	97	101	97	96	87	82	101
82	88	94	92	99	93	98	100	101	100	94	90	88	101
MEAN	84.0	87.7	91.7	95.2	[illegible]								
S.D.	4.006	4.729	4.419	3.774	[illegible]								
TOTAL OBS.	961	676	961	930	961	930	961	961	961	961	930	961	[illegible]

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

1[illegible]28 KINGSVILLE, TX 51-82
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]							97						MAX TEMP
							18						DAYS
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

12 ?: KINGSVILLE, TX 51-82
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
51						68		69	63	55	33	32	
52	39	35	40	48	56	67	73	69	59	44	41	34	34
53	35	41	39	49	50	66	70	72	64	56	40	28	28
54	32	34	38	49	48	67	70	73	63	47	37	34	32
55	32	33	37	36	67	65	73	73	68	48	38	32	32
56	31	33	35	51	61	69	71	71	61	55	34	36	31
57	12	47	43	49	59	65	74	69	63	40	35	30	30
58	37	29	38	51	60	72		69	67	51	38	29	
59	28	39	38	47	65	70	69	73	60	49	32	35	28
60	32	28	36	44	53	71	75	71	63	51	41	35	28
61	32	32	43	45	54	69	72	68	63	47	44	34	32
62	17	35	34	43	59	65	71	73	65	52	44	35	17
63	20	29	42	56	64	72	71	73	56	57	38	29	20
64	30	34	44	50	61	61	72	75	65	46	41	30	30
65	33	36	35	51	58	71	73	69	60	48	46	39	33
66	26	35	40	50	59	66	72	70	64	45	36	28	26
67	31	33	41	58	59	66	68	66	54	48	38	30	30
68	29	29	39	50	57	69	74	72	58	52	38	28	28
69	30	39	40	53	59	65	74	74	67	50	32	38	30
70	23	30	38	48	51	61	72	69	57	43	31	39	23
71	34	28	32	42	59	71	72	72	62	59	46	39	28
72	30	30	48	46	64	69	71	72	60	46	37	27	27
73	26	28	45	47	56	70	75	73	65	55	39	22	22
74	33	27	38	43	60	67	67	68	53	44	32	30	27
75	19	31	37	41	68	60	69	70	54	50	34	36	19
76	25	32	40	50	58	68	71	69	63	42	32	30	25
77	27	36	40	46	62	68	72	71	60	46	33	34	27
78	25	30	33	51	55	68	71	70	66	49	43	28	20
79	20	31	41	47	51	60	72	68	59	41	31	39	20
80	32	27	26	39	58	67	71	71	68	37	34	38	26
MEAN													
S.D.													
TOTAL OBS.													

SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

1[illegible] | KINGSVILLE, TX | 51-82
STATION | STATION NAME | YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
51	35	27	43	52	56	72	68	71	52	49	42	34	27
52	22	27	36	49	59	70	72	71	59	46	41	35	22
MEAN	28.9	32.9	39.7	49.3	57.8	69.9	70.0	71.0	55.5	47.5	37.1	[illegible]	[illegible]
S.D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL OBS.	961	876	961	931	[illegible]	[illegible]	[illegible]	[illegible]	961	961	[illegible]	[illegible]	[illegible]

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

1 2 (STATION) KINGSVILLE, TX (STATION NAME) 51-82 (YEARS)

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
58							75 18						MIN YEMP DAYS
MEAN													
S.D.													
TOTAL OBS.													

SMOS

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH Jan

HOURS (L.S.T.) PAGE 1

Temp. (°F)	WET BULB TEMPERATURE DEPRESSION (°F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]								•		•				•				2	2		
[illegible]									•									2	2		
[illegible]							•	•		•	•		•					8	8		
[illegible]						•	•		•			•						6	6		
[illegible]					•	•	•	•	•	•		•						15	15		
[illegible]				•	•	•	•		•	•	•	•						35	35		
[illegible]					•	•	•	•	•	•	•	•						26	26		
[illegible]			•	•	•	•	•	•	•	•	•							40	40	1	
[illegible]		•	•	•	•	•	•	•	•	•	•	•	•					63	63	16	
[illegible]	•	•	•	•	•	•	•	•	•	•	•	•	•					98	98	49	1
[illegible]	•	•	•	•	•	•	•	•	•	•	•							92	92	75	51
[illegible]	•	•	•	•	•	•	•	•	•	•	•							183	183	91	75
[illegible]	•	1	•	•	•	•	•	•	•	•	•							87	87	91	86
[illegible]	•	1	•	•	•	•	•	•	•	•	•							116	116	113	81
[illegible]	•	1	•	•	•	•	•	•	•	•								102	102	122	104
[illegible]	1	1	•	•	•	•	•	•	•									119	119	108	124
[illegible]	1	1	•	•	•	•	•	•	•									125	125	114	104
[illegible]	•	1	•	•	•	•	•	•	•									119	119	101	89
[illegible]	•	1	•	•	•	•	•	•										98	98	85	75
[illegible]	•	1	•	•	•	•	•	•										120	120	119	89
[illegible]	1	1	•	•	•	•	•	•										131	131	153	120
[illegible]	1	2	1	1	•	•	•	•										167	167	157	112
[illegible]	1	1	1	•	•	•	•											136	136	159	127
[illegible]	1	2	•	•	•	•	•											172	172	168	153
[illegible]	1	1	•	•	•	•												135	135	161	140
[illegible]	1	1	1	•	•	•												99	99	112	121
[illegible]	•	1	•	•	•	•												78	78	108	113
[illegible]	•	•	•	•	•													63	63	89	95
[illegible]	•	1	•	•														59	59	74	97
[illegible]	•	•	•	•	•													34	34	74	81
[illegible]	•	•	•	•	•													25	25	39	60
[illegible]	•	•	•	•														11	11	23	48
[illegible]	•	•	•	•														8	8	23	36
[illegible]		•	•	•														6	6	11	26

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≥ 0°F	≥ 32°F	≥ 60°F	≥ 75°F	≥ 80°F	≥ 90°F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

1 72[illegible] | KINGSVILLE, TX | 73-82 | JAN

STATION | STATION NAME | YEARS | MONTH

PAGE [illegible]

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
2/ 21		.1	.[illegible]															[illegible]	[illegible]	[illegible]	[illegible]
/ 18																				[illegible]	31
/ 15																					[illegible]
1 / 12																					20
/ 13																					13
1 / 11																					9
																					7
																					1
																					4
																					5
	.72	.3[illegible]	[illegible].[illegible]	[illegible]3.1	[illegible].[illegible]	5.2	[illegible].0	2.3	2.3	1.1	.[illegible]	.3	.1	.0				2480	2480	2480	2487

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥90 F	Total
Sat. Hum.	[illegible]	[illegible]	[illegible].6	21.80	2487							
Dry Bulb	[illegible]	[illegible]	53.8	[illegible].920	2487		26.7	[illegible].8	50.1	[illegible].4		744.2
Wet Bulb	[illegible]	[illegible]	[illegible].5	[illegible].889	2487		57.6	69.6	5.1			744.0
Dew Point	[illegible]	[illegible]	49.8	[illegible].935	2487		[illegible].9	55.1	1.2			739.0

NAVWEASERVCOM

1078 2097-54321

PSYCHROMETRIC SUMMARY

1 [illegible] PT. [illegible] -97 [illegible]
STATION STATION NAME YEARS MONTH

PAGE 1
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
[illegible]																.1		2	2		
[illegible]												.0						1	1		
[illegible]										.0		.0	.0	.0				4	4		
3 [illegible]									.0	.0	.0				.0	.0		5	5		
[illegible]								.1	.0	.2								3	3		
[illegible]						.1		.1	.1	.0	.0	.1	.0	.1	.0			17	17		
[illegible]					.1	.1	.4	.2	.0	.0	.1	.2	.1	.1	.0			30	30		
[illegible]					.1	.1	.4	.2	.2	.1			.1	.0				37	37		
7 [illegible]				.1	.3	.4	.4	.3	.2		.1	.0	.0	.0				58	58		
[illegible]			.1	.4	.3	.3	.3	.1	.1	.2	.1	.1	.1	.0				56	56		
[illegible]			.2	.4	.4	.2	.4	.2		.2	.2	.1	.2					57	57	6	
[illegible]		.3	.4	.8	.4	.1	.3	.2	.2		.3	.1						78	78	25	5
[illegible]		1.2	1.4	.4	.4	.2		.3	.0	.2	.1	.2						99	99	72	14
[illegible]	.6	1.6	.4	.4	.3	.3	.4	.0	.2	.2	.2	.0						109	109	131	61
[illegible]	1.1	1.4	.8	.5	.2	.1	.3	.1	.1	.2	.1							117	117	125	121
[illegible]	[illegible]	2.3	1.2	.7	.5	.4	.2	.5	.0	.2	.1							160	160	123	123
[illegible]	1.1	2.2	.9	.6	.5	.2	.2	.0	.3	.1								135	135	154	130
[illegible]	.9	1.8	.9	.2	.1	.2	.2	.0	.2	.0								110	110	130	125
[illegible]	.7	1.4	.9	.4	.3	.4	.2	.2	.1									108	108	114	116
5 [illegible]	.7	1.2	.9	.2	.3	.4	.1	.2	.1									93	93	126	107
[illegible]	.7	2.0	.4	.6	.5	.3	.4	.0	.0									110	110	112	105
[illegible]	.8	2.0	.8	.7	.5	.2	.4	.1	.2									125	125	118	95
[illegible]	.7	2.6	1.1	.7	.5	.7	.2	.1										146	146	135	109
[illegible]	.4	1.8	.8	.9	.4	.4	.1											104	104	134	103
4 [illegible]	.8	1.5	.9	.8	.5	.1	.1											105	105	133	111
[illegible]	1.2	1.2	.8	.6	.3	.1	.1											100	100	122	97
2 [illegible]	.9	1.0	.9	.9	.5	.2												98	98	120	98
[illegible]	.6	1.1	.6	.3	.1													86	86	102	103
1 [illegible]	.1	.9	.4	.2	.2													48	48	64	79
[illegible]	.1	.2	.1	.4	.1													39	39	69	83
3 [illegible]	.1	.2	.4	.4														32	32	69	97
[illegible]	.1	.2	.3															13	13	38	72
[illegible]	.1	.2	.1	.1														10	10	38	88
[illegible]		.1	.1															3	3	22	76

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Bal. Nom.						≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤90 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

NAVWEASERVCOM

1070 2097 54321

PSYCHROMETRIC SUMMARY

1 [illegible] / KING VILLE, TX / 73-82 / FEB

PAGE 2

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 25																					45
[illegible] / 23																					30
22 / 21																					14
/ [illegible]																					5
[illegible] / 19																					29
1 / 17																					17
/ 13																					9
1 / 11																					5
[illegible] 9																					6
[illegible] 7																					1
[illegible]	1[illegible].3	[illegible].6	16.8	12.0	[illegible].4	6.4	5.0	3.0	2.1	1.9	1.4	.9	.6	.0	.1	.1		2256	2256	2256	2254
																		2256		2256	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≥0 F	≥32 F	≥67 F	≥73 F	≥80 F	≥90 F	Total
Rel. Hum.	13 02 75	1632[illegible]5	[illegible]2.4	2.[illegible]9	2256							
Dry Bulb	79 3976	12[illegible]:2	57.4	12.[illegible]5	2254		7.7	169.1	81.0	29.0	.0	8[illegible].[illegible]
Wet Bulb	67 6 85	11[illegible]81	[illegible]2.1	1.[illegible]8	2256		27.0	8[illegible].7	1.[illegible]			8[illegible].0
Dew Point	53703[illegible]7	1C65[illegible]2	46.8	13.922	2256		123.0	25.8	.1			8[illegible].0

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PAGE 1
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
																		1	1		
																		1	1		
																		4	4		
									.1	.0	.0	.0	.0		.0	.0		8	8		
							.0	.1	.2			.0	.0		.1	.0		14	14		
67							.2	.2	.2	.0			.1	.1	.1			23	23		
						.1	.4	.2	.0	.1	.1	.0	.0	.0	.3			32	32		
				.1	.2		.3	.4	.1	.0	.2	.1	.1	.1	.1			36	36		
			.2	.1	.1	.1	.2	.2	.1	.2	.1	.2	.2	.1	.1			63	63		
79					.1	.0	.7	.2	.3	.2	.1	.4	.2	.2				112	112	1	
		.1	.2	.1	.0	.6	.2	.2			.2	.2	.1		.0			87	87	.5	
		.3	.0	.3	.5	.2	.4	.1	.1	.3	.3	.2	.1					116	116	32	.1
	.2	.7	.0	.2	.6	.3	.2	.2	.2	.2	.3	.2	.2					178	178	96	.8
71	.5	.8	.8	.1	.6	.3	.3	.1	.2	.3	.1	.1						254	254	221	126
49	.4	.8	.2	.3	.5	.5	.2	.3	.3	.3	.2	.1						251	251	278	246
67	.3	.2	.1	.3	.2	.3	.4	.4	.4	.1	.2							210	210	268	287
65	.6	.0	.5	.7	.4	.7	.2	.3	.2	.2	.0							186	186	204	191
61	.6	.9	.8	.7	.2	.4	.5	.4	.4	.0								158	158	158	172
	.6	.2	.6	.5	.5	.7	.3	.1	.2									118	118	147	141
9		.2	.8	.6	.6	.3	.2	.2	.2									86	86	131	131
57		.1	.7	.6	.2	.7	.1	.1	.1									83	83	171	75
55		.1	.1	.4	.5	.4	.2	.1										88	88	176	78
53		.9	.8	.7	.4	.2	.1	.1										84	84	140	95
	.2	.5	.8	.4	.5	.1	.1											67	67	110	87
	.1	.1	.0	.6	.1	.1												61	61	112	48
47		.1	.7	.1	.1	.1	.1											69	69	90	70
45	.1	.3	.2	.2	.1		.1											26	26	78	86
43	.1	.1	.4	.2	.2													28	28	61	91
41	.1		.4	.1	.1													18	18		78
	.2	.1	.2	.2														11	11	28	77
37	.1		.1															5	5	21	77
35			.1	.1	.1													6	6	10	77
33			.1															4	4	9	35
31			.1	.1														2	2	3	37

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤90 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

NAVWASERVCOM



PSYCHROMETRIC SUMMARY

1 — STATION | [illegible] ILLE, KY — STATION NAME | 73-82 — YEARS | MAR — MONTH

PAGE — HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
																		1	1	1	22
																		1	1	1	22
25																				1	23
22																				2	16
21																					14
17																					
13																					
	11.2	6.6	3.0	2.1	1.4	0.8	0.3	0.7	0.3	0.1	0.7	0.5	0.1	0.5	0.8	0.1	0.0		2480		2480
																		2480		2480	

Element (X)	Σ_X^2	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≥0 F	≥32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	1 15 126	17[illegible]8	72.0	22.95	248							
Dry Bulb	11[illegible]45	16589	66.7	10.82	248		1.2	221.2	206.7	77.1	1.9	744.
Wet Bulb	21[illegible]2	[illegible]9	[illegible].8	9.79	248		3.	268.2	80.5			744.
Dew Point	8[illegible]3	137659	55.5	13.39	248		47.7	203.4	21.6			744.0

NAVWEASERVCOM

NSN 2007-5421

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point

PSYCHROMETRIC SUMMARY

1 STATION | [illegible] STATION NAME | 73-92 YEARS | APR MONTH

[illegible] HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]																					[illegible]
25 [illegible]																					[illegible]
[illegible]																					[illegible]
[illegible]	[illegible]	1.1	22.1	12.7	11.2	7.2	6.6	4.3	2.4	1.5	1.1	.9	.9	.7	.2	.1			24[illegible]0		24[illegible]
																		24[illegible]0		24[illegible]0	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	1 142373	17310	74.2	17.58	[illegible]00							
Dry Bulb	1 [illegible]72	1723[illegible]	71.8	8.37	24 [illegible]			31.7	359.1	120.1	3.3	720.0
Wet Bulb	2 [illegible]	57[illegible]7	68.8	7.35	24 [illegible]			18.6	111.1	.9		720.0
Dew Point	384[illegible]5	1465[illegible]1	61.9	[illegible].18	24 [illegible]		17.8	303.3	69.9			720.0

NAVWEASERVCOM

10/8 2097-54321

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L.S.T.) _____

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH: JUN

PAGE 1
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

_____ HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	±31		Dry Bulb	Wet Bulb	Dew Point
																		2	2		
																		9	9		
																		34	34		
																		64	64		
																		179	179		
																		199	199		
																		165	165		
																		199	199		
																		198	198		
																		161	161		
																		247	247		
																		310	310		
																		303	303		
																		228	228		
																		107	107		
																		40	40		
																		12	12		

PSYCHROMETRIC SUMMARY

[illegible] STATION | KINGSVILLE, TX STATION NAME | 73-82 YEARS | [illegible] MONTH

PAGE 1 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
[illegible]														.1				2	2		
2[illegible]											.1	.1		.0				6	6		
[illegible]											.1	.2	.0					8	8		
[illegible]								.1	.0	.2	.6	.1						24	24		
[illegible]								.3	.9	1.1	.5	.1						69	69		
[illegible]							.3	1.5	1.7	2.7	.4	.1	.1					167	167		
[illegible]						.3	1.0	1.9	1.7	.6	.2							151	151		
8[illegible]					.2	1.0	1.[illegible]	1.6	.7	.1								131	131		
[illegible]				.[illegible]	1.4	3.[illegible]	3.[illegible]	1.0	.3									218	218		
5 8[illegible]			.[illegible]	.[illegible]	2.[illegible]	3.3	.[illegible]	.1	.1									199	199		
[illegible]		.[illegible]	1.1	1.[illegible]	2.2	.[illegible]	.1											145	145	3	
[illegible]	.1	.[illegible]	3.5	3.7	1.[illegible]	.[illegible]	.1											238	238	53	[illegible]
[illegible]	.2	2.[illegible]	.6	3.[illegible]	.[illegible]	.2												316	316	306	[illegible]
7[illegible]	.9	[illegible].8	2.4	1.[illegible]	.2													348	348	660	233
[illegible]	.8	[illegible].6	5.[illegible]	.1														271	271	687	454
[illegible]	.2	2.6	2.4															129	131	475	678
[illegible]	.1	.[illegible]	.[illegible]	.														45	45	213	552
[illegible]	.0	.[illegible]	.0															9	9	59	327
6[illegible]		.[illegible]																1	1	15	142
[illegible]																					[illegible]
[illegible]																					18
[illegible]																					3
[illegible]																					1
57																					1
[illegible]	2.3[illegible]	.5	27.4	10.2	[illegible].6	8.8	7.5	6.4	5.3	[illegible].7	1.8	.6	.1	.1				2474	2474		2474
																				2474	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	14[illegible]79[illegible]4	182[illegible]32	73.8	16.496	[illegible]74							
Dry Bulb	1 137661	2[illegible]489	72.9	6.696	2474			748.0	727.5	453.2	83.1	748.0
Wet Bulb	1021 386	187[illegible]3	75.[illegible]	2.67[illegible]	2474			[illegible]3.1	686.8	87.1		748.0
Dew Point	1[illegible]133491	18[illegible]097	72.8	3.[illegible]57	2474			724.8	514.8	13.2		748.0

NAVWEASERVCOM

NAVAIR 2097-54321

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L.S.T.) _____

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
														.1				3	3		
												.0	.0		.0			3	3		
								.0	.2	.2	.2	.0						16	16		
					.0	.1	.3	.7	.5	.5	.3	.0	.1					61	61		
					.0	.0	1.0	2.0	1.2	.7	.0	.2	.0	.0				135	135		
					.1	.0	1.4	1.5	.4	.5	.2							108	108		
				.0	.6	1.2	1.9	.9	.2	.0	.2		.0					111	111		
			.1	.2	1.1	2.3	2.0	.6	.7	.6	.4	.2	.1					200	200	1	
		.1	1.7	2.3	1.8	.7	.7	.3	.2		.0	.0	.1					195	195	10	7
	.1	1.2	2.3	1.8	1.0	.5	.2	.3	.1	.2	.2	.1						184	184	47	10
	.1	2.4	2.8	1.4	.5	.2	.2	.1	.2	.2	.3							221	221	230	74
	1.0	.1	2.2	1.3	.7	.5	.1	.1	.1	.2	.1							298	298	413	188
	1.6	3.0	3.2	1.7	.7	.2	.2	.1	.0	.1								286	286	405	359
	1.0	4.7	2.2	.9	.3	.2	.1	.1										217	217	392	418
	.3	1.9	1.9	.6	.2	.1	.2	.1										125	125	288	418
	.2	.9	1.2	.5	.1	.2	.1	.1										76	76	167	204
	.1	.5	.9	.7	.3	.1	.1	.1										55	55	108	201
		.3	.5	.4	.1	.2	.0											37	37	72	120
		.2	.2	.4	.1	.1												24	24	58	87
		.1	.2	.1	.2	.1												18	18	48	64
		.1	.2		.1													7	7	43	47
			.1	.1	.1													8	8	27	45
			.1	.1	.1													7	7	21	36
			.1	.1														4	4	13	33
			.1															1	1	11	12
																				5	22
																				1	37
																					19
																					13
																					2
																					1
	4.0	21.4	21.7	13.0	8.8	7.5	6.8	6.6	3.7	2.9	1.5	.5	.8	.1	.0			2400	2400		2400
																		2400		2400	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥98 F	Total
Rel. Hum.	142637[illegible]62	180068	75.0	17.723	2400							
Dry Bulb	15241[illegible]17	190711	79.5	7.584	2408			668.2	611.4	335.7	24.9	720.0
Wet Bulb	12366409	175177	73.0	5.798	2400			630.3	581.4	64.7		720.0
Dew Point	11498988	167710	69.9	7.348	2400			502.2	379.5	28.8		720.0

NAVWEASERVCOM

1018 2097 54321

PSYCHROMETRIC SUMMARY

1 [illegible] STATION | WINDSVILLE, TX STATION NAME | 73-82 YEARS | OCT MONTH

PAGE 1 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]								.1	.2	.1								8	8		
[illegible]						.1	.2	.2	.3		.1							31	31		
[illegible]					.1	.2	.6	.7	.1	.0		.0						41	41		
[illegible]				.1	.0	.4	.6	.6	.4	.2	.1	.1		.0				43	43		
[illegible]					.7	.8	1.0	.7	.5	.2	.2	.2						117	117		
[illegible]			.2	.6	1.0	.8	.6	.8	.3	.4	.1	.1	.1					136	136		
[illegible]		.3	.7	.5	.9	.6	.4	.6	.4	.2	.1	.1	.0					122	122	10	
[illegible]	.1	.4	1.7	1.2	1.0	.6	.2	.2	.2	.3	.1	.1						151	151	46	19
77	.1	.6	2.4	1.4	.9	.6	.6	.3	.2	.1	.1		.1					190	190	122	33
75	.1	1.5	3.1	1.1	.5	.9	.4	.2	.2	.2	.0							211	211	171	61
[illegible]	.5	2.3	2.4	.6	.8	.5	.4	.2	.3	.1	.1	.1						198	198	278	180
73	.6	2.3	1.7	.8	.4	.3	.2	.2	.3	.0	.1							170	170	266	244
[illegible]	.7	2.3	1.7	.7	.4	.2	.2	.2	.1		.0							142	142	209	256
67	.6	2.0	2.3	1.2	.5	.2	.2	.2		.2								141	141	224	225
[illegible]	.8	1.8	1.6	.9	.3	.3	.1			.1								148	148	204	173
63	.5	1.9	1.5	.8	.3	.3	.1	.1	.1									137	137	180	180
[illegible]	.2	1.5	1.2	.4	.3	.2	.2	.1										99	99	160	158
60	.2	.8	1.0	.2	.3	.2	.1											76	76	144	161
[illegible]	.2	.7	.5	.8	.2	.1	.0											62	62	104	155
56	.2	.6	.6	.4	.2													45	45	81	113
[illegible]	.1	.5	.2	.3	.1	.0												47	47	67	74
[illegible]	.0	.0	.6	.1	.2													32	32	75	58
[illegible]	.1	.4	.2	.2														20	20	56	67
47	.2	.2	.2	.1	.0													18	18	41	76
[illegible]	.0	.2	.0															6	6	20	77
43	.1	.1	.1	.0														7	7	13	35
[illegible]	.0																	1	1	8	39
[illegible]																				3	26
[illegible]		.0																1	1		14
33																				1	9
[illegible]																					17
31																					0
[illegible]																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≥88 F	≥98 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

NAVWEASERVCOM

1070 2097 54321

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L.S.T.) _____

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
5																					?
2																					1
	.4	1.0	2.5	7.7	6.0	7.3	6.4	5.4	4.1	2.3	1.0	.7	.2	.0				2480	2480	2480	2480

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥90 F	Total
Rel. Hum.	14436316	183678	74.1	16.346	2480							
Dry Bulb	13117708	178696	72.1	9.876	2480			534.8	388.6	178.6	2.8	744.0
Wet Bulb	1 6231	163881	66.0	8.301	2480			307.8	188.3	7.8		744.0
Dew Point	9862017	154032	62.3	9.989	2480		3.9	311.4	132.3	8.7		744.0

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]VILLE, Tx	73-82	NOV

PAGE 1

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
[illegible]							[illegible]												1	1		
[illegible]								.2	.1	.0									7	7		
9[illegible] 87					.1	.0	.2	.1	.2										15	15		
[illegible] 83					.1	.2	.6	.5	.2	.0	.0								39	39		
[illegible] 80				.1	.3	.6	.4	.[illegible]	.1			.1	.1	.0					57	57		
[illegible]			.1	.[illegible]	.5	.9	.4	.3	.1	.1		.1							72	72		
79		.1	.3	.5	.7	.[illegible]	.3	.[illegible]	.2	.0		.0	.0	.0					77	77	[illegible]	
7 77	.[illegible]	.[illegible]	1.1	.7	.7	.3	.5	.3	.1		.1	.0							104	104	20	[illegible]
[illegible] 75	.1	1.0	1.3	1.[illegible]	.6	.4	.2	.2	.2	.1	.1	.0							139	139	60	22
[illegible] [illegible]	.4	1.8	1.5	1.[illegible]	.3	.4	.3	.2	.3	.1	.[illegible]								153	153	169	83
[illegible] 71	.6	1.0	1.9	.7	.[illegible]	.[illegible]	.1	.2	.1	.2	.[illegible]	.1							149	149	176	109
[illegible] 69	.[illegible]	1.[illegible]	1.[illegible]	.3	.3	.1	.1	.[illegible]	.[illegible]	.[illegible]	.[illegible]								130	130	151	157
[illegible] 67	.[illegible]	2.2	1.3	.4	.[illegible]	.1	.3	.3	.1	.1	.[illegible]								147	147	159	155
[illegible] 65	.[illegible]	1.7	1.[illegible]	.7	.6	.3	.2	.2	.[illegible]	.1	.1								172	152	167	187
[illegible] [illegible]	.9	1.5	.[illegible]	.4	.6	.[illegible]	.2	.2	.2		.[illegible]								125	125	124	153
[illegible] [illegible]	.6	[illegible].1	.6	.8	.7	.4	.1	.1	.1	.2									139	139	124	102
[illegible] 59	.6	1.9	1.2	.7	.5	.9	.1	.2	.1	.1									137	137	160	116
[illegible] 57	.[illegible]	1.2	.9	.7	.4	.1	.2	.[illegible]	.2	.1									110	110	129	123
[illegible] 55	.2	1.[illegible]	.[illegible]	.7	.2	.4	.3	.[illegible]											89	89	115	105
[illegible] 53	.2	1.[illegible]	1.1	.6	.3	.[illegible]	.1	.1	.1										86	86	120	86
[illegible] 51	.6	.9	.9	.5	.4	.[illegible]	.2	.1											91	91	111	112
[illegible] 49	1.[illegible]	.9	.8	.6	.2	.2	.[illegible]	.1											93	93	112	114
47	.7	1.2	.6	.6	.3	.[illegible]	.1												92	92	99	112
[illegible] 45	.2	.6	.7	.5	.1	.2	.1												86	86	84	[illegible]
[illegible] 43	.2	.8	.[illegible]	.4	.[illegible]	.1													[illegible]	50	74	79
[illegible] [illegible]	.1	.5	.[illegible]	.2	.2	.1													39	39	72	79
[illegible] [illegible]	.[illegible]	.3	.[illegible]	.1	.1														26	26	53	63
[illegible] 37	.1	.1	.2	.1	.1														17	17	49	54
[illegible] 35		.[illegible]	.2	.3															18	18	24	48
3 33		.2	.1	.1															[illegible]	[illegible]	24	45
[illegible] 31				[illegible]															1	1	20	41
[illegible] [illegible]																					[illegible]	32
[illegible] 27																					2	27
[illegible] 25																					1	11

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥90 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

NAVWEASERVCOM

ICN 2097-04321

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
	.9	.3	.2	13.3	9.1	7.5	5.0	3.7	2.5	1.4	.5	.4	.2	.1				2400	2400		2400
																		2400		2400	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤90 F	Total
Rel. Hum.	14170652	176316	73.2	20.072	2400							
Dry Bulb	14149074	151326	63.9	12.162	2400		.3	327.0	198.2	67.5		720.0
Wet Bulb	8582037	140647	58.6	11.362	2400		5.4	221.7	75.9	.6		720.0
Dew Point	7500704	130262	54.3	10.004	2400		60.0	159.3	81.3			720.0

NAVWEASERVCOM

1018 2097 54321

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS DEC MONTH

HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point

PSYCHROMETRIC SUMMARY

1 STATION [illegible] STATION NAME [illegible] YEARS D [illegible] MONTH

PAGE [illegible] HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31			Dry Bulb	Wet Bulb	Dew Point
																			1	1	1	35
																					1	19
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7.2	4.7	3.1	2.8	1.8	.5	.4	.0		.0				2077		2077	
																			2077		2077	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	14137432	175272	72.4	21.669	2077							
Dry Bulb	[illegible]38595	141671	57.2	11.648	2077		3.9	173.0	79.0	18.6		768.0
Wet Bulb	[illegible]21085	12 085	52.1	10.896	2077		20.1	80.8	11.1			768.0
Dew Point	5979177	116317	47.0	13.880	2077		125.3	97.8	6.0			799.0

NAVWEASERVCOM



PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1	[illegible]VILLE, [illegible]	[illegible]3-6[illegible]	ALL

CASE 1
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
1														.0	.0			3	3		
2 1										.0	.0	.0		.0				8	8		
[illegible]9									.0	.0	.0	.0	.0	.0	.0		.0	28	28		
07								.	.0	.1	.1	.0	.0	.0	.0			86	86		
[illegible]								.1	.2	.3	.1	.0	.0					212	212		
9						.0	.0	.5	.5	.9	.1	.0	.0	.0	.0	.0		522	522		
9						.0	.1	.6	.6	.2	.1	.0	.0	.0	.0	.0		743	743		
8[illegible]				.0	.1	.4	.8	.7	.3	.1	.0	.0	.0	.0	.0	.0		750	750		
8[illegible]				.1	.4	1.1	1.1	.4	.2	.1	.1	.0	.0	.0	.0	.0		1020	1020		
[illegible] 8[illegible]		.	.1	.8	1.1	1.2	.6	.3	.2	.1	.1	.0	.0	.0	.0			1217	1217	2	
[illegible]		.1	.4	.7	1.1	.6	.4	.3	.2	.1	.1	.0	.1	.0	.0			1264	1264	37	3
8[illegible]	.	.3	1.2	1.3	.7	.4	.3	.2	.1	.1	.1	.1	.0	.0	.0			1554	1554	278	30
76	.1	1.	2.7	1.3	.7	.4	.3	.2	.1	.1	.1	.1	.0	.0				1975	1975	1330	288
7 77	.3	1.1	2.9	1.0	.7	.3	.3	.2	.1	.1	.1	.0	.0	.0	.0			2214	2217	2791	947
[illegible] 7[illegible]	.4	2.3	2.6	.9	.4	.3	.3	.1	.2	.1	.1	.0	.0	.0				2199	2199	3110	2057
7	.6	.2	1.9	.7	.3	.2	.2	.2	.1	.1	.1	.0	.0					1835	1837	3179	3157
[illegible] 7[illegible]	.6	1.6	1.4	.6	.4	.2	.1	.1	.1	.1	.1	.0	.0					1569	1569	2431	3253
.9	.3	1.3	1.2	.4	.3	.2	.1	.1	.1	.1	.1	.0						1275	1275	1844	2526
67	.5	1.1	1.0	.4	.2	.2	.1	.1	.1	.1	.0	.0						1165	1165	1555	2166
65	.6	1.0	.7	.4	.2	.1	.1	.1	.1	.1	.0							1031	1031	1361	1553
6[illegible]	.9	1.2	.9	.4	.2	.2	.2	.1	.1	.1	.0							1015	1015	1183	1280
[illegible] 1	.4	1.0	.4	.3	.3	.1	.1	.1	.1	.0	.0							867	867	1089	1121
9	.4	.7	.6	.2	.2	.2	.1	.1	.1	.0								734	734	995	1047
59	.4	.5	.5	.3	.2	.1	.1	.1	.0	.0								677	677	846	87
55	.2	.7	.4	.3	.2	.2	.1	.0	.0									648	648	789	768
5[illegible]	.2	.6	.4	.3	.2	.1	.1	.	.0									610	610	756	73[illegible]
[illegible] 3	.3	.6	.5	.3	.2	.1	.1	.0	.0									622	622	787	672
[illegible] 6[illegible]	.4	.6	.4	.3	.2	.1	.1	.0										615	619	786	736
47	.3	.3	.3	.2	.2	.1	.0	.0										569	569	719	718
45	.2	.3	.4	.2	.1	.0	.0											479	479	677	683
[illegible] 49	.3	.5	.2	.2	.2	.1	.											460	489	611	611
4	.2	.4	.1	.2	.1	.1												386	386	549	577
[illegible]	.2	.3	.2	.1	.1	.												261	261	428	513
3 3	.1	.2	.2	.1	.1	.												184	184	342	460

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤0 F	≤32 F	≤67 F	≤73 F	≥80 F	≥93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

NAVWEASERVCOM

1828 2097 54321

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
																		150	150	241	
																		111	111	211	369
																		55	55	172	335
																		41	41	91	276
																		14	14	62	75
																		8	8	41	240
																		9	9	17	162
																		3	3	7	161
																		1	1	1	12
																					9
																					9
	.2	1.3	2.0	12.4	.4	7.4	6.2	5.0	3.5	2.3	1.7	.6	.3	.2	.1	.0	.0	29212		29207	29207
																		29207		29207	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Bal. Hum.	1702000.0	2156360	73.8	19.398	29205							
Dry Bulb	1621164.4	2067008	70.8	18.164	29212		39.8	898.5	6698.3	2514.0	287.7	8760.0
Wet Bulb	124 86591	189 143	64.7	12.584	29207		117.0	3967.8	1108.7	240.7		8760.0
Dew Point	1142113294	1775959	60.8	10.673	29207		329.7	3298.3	2476.5	96.3		8760.0

NAVWEASERVCOM

MEANS AND STANDARD DEVIATIONS

DRY-PULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

1[illegible]28 KINGSVILLE, Tx 73-82

STATION STATION NAME YEARS

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
0	MEAN	50.5	53.0	62.2	67.4	73.4	77.3	78.9	78.4	75.1	67.5	59.9	53.6	66.5
	S. D.	10.747	9.900	8.262	6.691	4.842	3.837	2.528	2.345	4.069	7.398	[illegible].298	9.318	12.360
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
	MEAN	48.9	51.4	60.8	66.2	71.9	75.9	77.1	76.8	73.5	65.6	58.3	51.6	64.9
0	S. D.	11.225	10.305	9.182	7.366	5.428	3.791	2.437	2.310	5.107	7.979	11.000	10.003	12.717
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	47.5	50.0	59.5	68.1	71.2	74.7	75.8	75.3	72.0	64.0	57.0	50.6	63.6
[illegible]	S. D.	11.410	10.360	9.868	7.989	5.983	4.292	2.647	2.457	5.430	8.389	11.364	10.493	12.948
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	50.6	54.6	65.4	72.2	78.9	83.8	84.9	84.4	80.4	72.9	63.0	54.2	70.5
	S. D.	11.099	10.211	8.272	6.074	4.910	3.363	3.198	3.149	5.148	8.028	10.736	9.975	14.255
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	310	3651
	MEAN	59.4	64.1	73.3	78.5	84.3	88.9	91.2	90.6	86.9	80.2	71.5	64.1	77.8
1	S. D.	13.336	12.562	9.341	6.877	5.729	5.059	4.257	4.664	5.778	8.372	11.385	11.271	13.833
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	62.7	67.6	76.3	80.1	85.5	89.2	91.9	90.8	87.8	81.3	73.2	66.8	79.5
[illegible]	S. D.	13.984	12.982	9.703	7.285	5.413	5.377	4.793	5.679	5.571	7.920	11.408	11.512	13.202
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	56.3	63.2	71.8	75.7	81.5	85.6	87.6	86.5	83.2	75.5	66.7	61.1	74.8
[illegible]	S. D.	11.720	11.134	8.293	5.885	4.170	3.674	3.400	3.501	3.972	6.847	9.890	9.698	12.503
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
	MEAN	52.4	58.6	68.4	69.4	75.3	79.2	81.0	80.2	76.9	69.5	61.8	55.5	68.5
[illegible]1	S. D.	10.733	9.378	7.498	5.784	4.362	3.043	2.488	2.388	4.139	7.123	10.023	9.100	12.125
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
ALL HOURS	MEAN	53.8	57.9	66.7	71.8	77.7	81.8	83.5	82.9	79.5	72.1	63.9	57.2	70.8
	S. D.	12.921	12.516	10.602	8.638	7.336	6.883	6.787	6.897	7.545	9.876	12.193	11.445	14.164
	TOTAL OBS	2480	2256	2480	2400	2480	2400	2480	2479	2400	2480	2400	2477	29212

NAVWEASERVCOM

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

1[illegible]2[illegible] KINGSVILLE, TX [illegible]-52

STATION STATION NAME YEARS

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
[illegible]	MEAN	47.9	50.2	58.9	64.3	70.5	73.9	75.4	75.1	71.9	64.4	57.1	50.5	63.4
	S. D.	11.475	10.700	9.588	7.504	5.308	3.927	2.202	2.139	5.714	8.055	11.041	10.241	12.636
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	309	3650
	MEAN	46.7	49.0	57.9	63.5	69.5	73.1	74.8	74.2	70.9	63.0	55.9	48.8	62.3
	S. D.	11.779	11.385	10.215	8.027	5.803	4.163	2.263	2.247	6.118	8.[illegible]84	11.653	10.803	13.056
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	310	3651
	MEAN	45.5	47.8	56.9	62.7	69.1	72.5	73.6	73.1	69.7	61.8	54.8	48.1	61.3
	S. D.	11.936	11.103	10.792	8.596	6.256	4.414	2.468	2.446	6.245	8.777	12.018	11.200	13.375
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	310	3651
	MEAN	48.1	51.3	60.9	66.6	72.6	76.2	77.2	77.5	74.6	67.4	59.0	51.0	65.3
	S. D.	11.621	10.913	9.533	7.048	5.149	3.261	2.185	2.079	5.628	8.411	11.457	10.846	13.218
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	310	3651
	MEAN	52.6	55.3	63.2	68.2	73.7	76.6	77.2	77.1	75.0	68.8	61.9	55.[illegible]	67.[illegible]
1	S. D.	11.838	10.709	9.088	6.756	5.117	3.535	2.086	2.135	4.966	7.422	11.610	10.683	11.738
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	53.[illegible]	56.5	64.0	68.4	74.1	76.8	77.8	77.4	75.1	69.0	62.2	56.7	67.7
	S. D.	11.420	10.109	8.805	6.671	5.072	3.783	2.551	2.397	4.841	7.255	11.348	10.095	11.352
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	52.[illegible]	54.9	62.3	67.1	72.8	75.8	76.6	76.3	74.1	67.5	60.0	54.4	66.[illegible]
	S. D.	11.175	9.988	8.634	6.393	4.713	3.353	2.242	2.104	4.763	7.316	10.606	10.014	11.543
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	309	3650
1	MEAN	49.2	51.8	60.0	65.4	71.3	74.4	75.7	75.5	72.5	65.7	57.8	51.7	64.3
	S. D.	11.276	10.056	9.069	6.928	5.049	3.586	2.129	2.164	5.391	7.774	11.912	10.033	12.276
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	309	3650
ALL HOURS	MEAN	49.5	52.1	60.5	65.8	71.7	74.9	76.0	75.8	73.0	66.0	58.6	52.1	64.7
	S. D.	11.890	10.983	9.771	7.535	5.603	4.075	2.650	2.676	5.799	8.342	11.362	10.897	12.584
	TOTAL OBS	2480	2256	2480	2400	2480	2400	2480	2474	2400	2480	2400	2477	29207

NAVWEASERVCOM

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12128 (STATION) KINGSVILLE, TX (STATION NAME) 73-82 (YEARS)

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	44.7	47.0	56.0	62.1	69.0	72.4	74.0	73.8	70.3	62.5	54.5	47.0	61.2
	S. D.	14.053	13.352	12.365	9.565	6.118	4.671	2.452	2.602	7.128	9.527	13.186	13.031	14.439
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	309	3650
	MEAN	43.8	46.0	55.3	61.6	68.2	71.9	73.4	73.1	69.5	61.3	53.6	45.5	60.3
	S. D.	14.278	13.610	12.582	9.834	6.585	4.822	2.499	2.564	7.222	9.975	13.581	13.472	14.757
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	310	3651
	MEAN	42.7	44.9	54.4	60.9	67.9	71.4	72.7	72.0	68.4	60.2	52.7	44.9	59.5
	S. D.	14.253	13.632	13.082	10.236	6.959	4.860	2.608	2.656	7.158	9.740	13.940	13.705	14.928
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	310	3651
	MEAN	43.0	45.6	57.1	62.9	69.5	73.0	74.2	74.7	72.0	64.2	55.7	47.3	62.0
	S. D.	14.277	14.053	12.908	10.077	6.656	4.347	2.547	2.559	7.155	10.189	14.047	13.821	14.855
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	310	3651
1	MEAN	45.0	47.2	55.6	61.9	68.6	71.3	71.9	71.5	69.5	62.3	54.8	48.2	60.8
	S. D.	15.043	14.514	13.917	10.658	7.211	4.887	3.410	3.097	7.287	9.844	14.428	14.619	14.459
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	45.5	46.6	54.8	61.3	68.6	71.6	72.1	71.8	69.2	61.7	54.0	47.5	60.5
	S. D.	14.693	14.456	14.319	11.026	7.857	5.299	3.648	3.529	7.819	10.462	14.507	14.665	14.822
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	45.4	47.1	54.6	61.6	68.4	71.4	72.0	71.9	69.6	62.7	54.4	47.7	60.6
	S. D.	14.991	14.453	14.612	10.491	7.247	4.951	3.419	3.207	7.451	10.059	14.662	14.303	14.713
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	309	3650
	MEAN	45.6	47.9	56.1	62.6	69.2	72.3	73.7	73.5	70.4	63.2	54.6	47.6	61.5
1	S. D.	13.964	13.189	12.755	9.420	6.271	4.861	2.543	2.664	7.001	9.348	13.595	13.159	14.256
	TOTAL OBS	310	292	310	300	310	300	310	309	300	310	300	309	3650
ALL HOURS	MEAN	44.3	46.8	55.5	61.9	68.7	71.9	72.9	72.8	69.9	62.3	54.3	47.0	60.8
	S. D.	14.456	13.922	13.348	10.181	6.849	4.834	3.076	3.058	7.349	9.949	14.006	13.881	14.671
	TOTAL OBS	2480	2256	2480	2400	2480	2400	2480	2474	2400	2488	2488	2477	29207

NAVWEASERVCOM

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

1 [illegible]29	KINGSVILLE, TX	73-82	JAN
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00	100.0	100.0	100.0	98.1	92.9	84.5	75.5	63.9	41.6	82.2	310
	07	100.0	100.0	99.7	98.4	93.9	88.1	78.4	67.1	45.2	84.0	310
	13	100.0	100.0	100.0	99.0	94.5	88.7	80.0	69.7	50.0	84.8	310
	16	100.0	100.0	99.4	96.4	92.6	87.7	76.9	64.9	48.2	83.3	309
	19	100.0	98.7	93.9	83.5	70.9	57.0	43.7	28.2	20.1	65.5	309
	22	100.0	97.1	86.5	75.5	59.7	44.5	31.6	19.4	13.5	58.5	310
	1	100.0	98.1	92.6	83.9	76.1	63.2	49.0	32.6	14.8	66.6	310
	4	100.0	100.0	99.4	95.8	92.6	81.6	71.6	58.4	30.3	79.5	310
TOTALS		100.0	99.2	96.4	91.3	84.2	74.4	63.3	50.5	33.0	75.6	2478

OCEANAV-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

1[illegible]28	KINGSVILL[illegible], TX	73-82	FEB
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	[illegible]	100.0	100.0	99.3	97.2	92.9	86.5	77.0	63.1	34.8	81.7	242
	[illegible]	100.0	100.0	99.6	98.2	94.0	88.3	79.8	66.3	43.3	83.4	282
	[illegible]	100.0	99.6	99.6	98.6	94.7	89.7	80.1	70.6	44.3	84.3	282
	[illegible]	100.0	99.3	98.6	95.0	89.7	82.3	72.0	60.6	35.1	79.5	282
	1[illegible]	100.0	95.0	87.2	77.7	63.5	46.1	28.4	20.2	11.0	58.9	282
	1[illegible]	100.0	90.4	78.7	70.2	52.8	35.5	22.0	14.2	7.4	52.6	282
	1[illegible]	100.0	94.0	85.8	77.7	66.3	56.7	41.1	22.7	8.2	60.8	282
	21	100.0	99.6	97.2	94.7	90.4	83.0	72.3	56.7	23.0	77.8	282
TOTALS		100.0	97.2	93.3	88.7	80.5	71.0	59.1	46.8	25.8	72.4	2256

OCEANAV-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

1 [illegible]28	KINGSVILLE, TX	73-82	MAR
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00	100.0	100.0	99.4	95.5	91.9	86.5	81.0	65.8	32.3	81.9	310
	03	100.0	100.0	100.0	98.7	94.5	89.7	82.6	67.1	36.8	83.6	310
	06	100.0	100.0	99.7	98.4	95.2	90.0	82.9	70.0	41.3	84.7	310
	09	100.0	99.4	97.4	94.5	87.4	81.0	68.4	50.0	25.5	77.1	310
	12	100.0	96.1	84.8	77.7	64.5	46.5	31.9	16.8	6.1	58.3	310
	15	99.7	91.0	78.4	68.1	54.8	40.3	22.9	12.6	3.2	52.4	310
	18	100.0	93.9	81.9	74.2	67.7	59.0	45.5	23.2	5.2	60.5	310
	21	100.0	99.4	96.8	93.2	88.1	80.3	71.6	55.5	27.1	77.3	310
TOTALS		100.0	97.5	92.3	87.5	80.5	71.7	60.9	45.1	22.2	72.0	2480

OCEANAV-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

1 [illegible]28	KINGSVILLE, TX	73-82	APR
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00	100.0	99.7	99.3	98.0	96.0	93.0	88.3	77.7	32.7	84.4	300
	03	100.0	99.7	99.7	99.0	98.0	93.3	89.7	79.7	37.0	86.3	300
	06	100.0	99.7	99.7	99.0	98.0	95.7	90.3	82.7	40.3	87.3	300
	09	100.0	99.7	97.7	95.3	91.3	84.3	70.7	39.7	13.7	78.7	300
	12	100.0	97.0	93.7	86.3	71.7	48.0	28.3	12.3	3.0	59.5	300
	15	100.0	95.3	89.3	81.0	68.0	42.0	20.0	8.3	3.3	56.3	300
	18	100.0	97.0	93.0	89.0	82.3	68.0	43.3	16.7	3.7	69.8	300
	21	100.0	100.0	98.3	96.7	95.0	90.7	83.3	65.7	18.0	80.6	300
TOTALS		100.0	98.5	96.3	93.0	87.5	76.9	64.2	47.9	19.0	74.2	2400

OCEANAV-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

12928	KINGSVILLE, TX	73-82	MAY
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00	100.0	100.0	100.0	100.0	99.7	99.0	96.1	81.3	30.6	86.5	310
	03	100.0	100.0	100.0	100.0	100.0	99.7	96.5	87.4	40.3	88.4	310
	06	100.0	100.0	100.0	100.0	100.0	99.0	97.1	88.7	44.5	89.6	310
	09	100.0	100.0	99.7	99.0	96.1	86.8	65.5	28.7	9.4	73.9	310
	12	100.0	100.0	98.4	91.9	81.9	51.9	20.6	7.4	2.6	60.9	310
	15	100.0	100.0	95.8	90.0	73.9	48.7	19.0	6.5	1.0	58.7	310
	18	100.0	100.0	97.4	94.2	87.7	70.3	40.6	14.2	2.3	66.2	310
	21	100.0	100.0	100.0	99.7	98.7	96.8	90.3	62.6	18.7	82.1	310
TOTALS		100.0	100.0	98.9	96.9	92.3	81.6	65.7	47.1	18.7	75.8	2480

OCEANAV-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

12928	KINGSVILLE, TX	73-82	JUN
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00	100.0	100.0	100.0	100.0	100.0	99.7	96.3	79.7	19.0	85.2	300
	03	100.0	100.0	100.0	100.0	100.0	100.0	98.3	88.3	32.0	87.8	300
	06	100.0	100.0	100.0	100.0	100.0	100.0	99.0	92.7	40.7	89.5	300
	09	100.0	100.0	100.0	99.7	97.3	89.0	44.7	15.0	3.7	70.7	300
	12	100.0	100.0	99.7	95.0	71.7	32.3	10.7	6.0	2.3	57.3	300
	15	100.0	100.0	99.3	92.3	72.7	31.0	13.7	7.7	1.7	57.4	300
	18	100.0	100.0	99.3	97.7	89.0	62.7	22.7	7.3	2.3	63.6	300
	21	100.0	100.0	100.0	100.0	99.7	96.7	91.0	52.3	7.7	79.9	300
TOTALS		100.0	100.0	99.8	98.1	91.3	76.4	59.6	43.6	13.7	73.9	2400

OCEANAV-6MOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
1[illegible]28	KINGSVILLE, TX	72-82	JUL

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	[illegible]0	100.0	100.0	100.0	100.0	100.0	100.0	99.7	80.0	21.3	85.1	310
	[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.1	31.6	88.4	310
	[illegible]4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.8	38.7	90.2	310
	[illegible]8	100.0	100.0	100.0	100.0	99.4	92.9	42.3	12.3	3.2	70.9	310
	12	100.0	100.0	99.4	93.9	55.5	18.7	10.0	4.8	1.9	53.5	310
	16	100.0	100.0	99.7	90.6	56.5	18.1	8.4	3.5	1.9	53.7	310
	20	100.0	100.0	100.0	98.7	87.1	44.5	14.5	5.2	2.3	60.8	310
	[illegible]1	100.0	100.0	100.0	100.0	100.0	100.0	91.0	32.9	6.5	78.7	310
TOTALS		100.0	100.0	99.9	97.9	87.3	71.8	58.2	41.5	13.4	72.7	2480

OCEANAV-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

12928	KINGSVILLE, TX	73-82	AUG
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00	100.0	100.0	100.0	100.0	100.0	100.0	98.4	87.4	23.6	86.1	309
	03	100.0	100.0	100.0	100.0	100.0	100.0	100.0	94.2	32.0	88.5	309
	06	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.4	39.8	89.8	309
	09	100.0	100.0	100.0	100.0	99.7	96.1	59.5	21.0	6.1	73.3	309
	12	100.0	100.0	100.0	99.8	56.8	23.2	8.7	5.2	.6	59.7	310
	15	100.0	100.0	99.7	90.3	57.4	28.4	12.9	9.0	2.3	55.4	310
	18	100.0	100.0	100.0	99.4	89.0	55.0	20.1	6.8	1.0	62.5	309
	21	100.0	100.0	100.0	100.0	100.0	99.4	98.5	49.2	9.7	80.4	309
TOTALS		100.0	100.0	100.0	98.1	87.9	75.3	61.8	46.2	14.8	73.8	2474

OCEANAV-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

1[illegible]28 KINGSVILLE, TX 73-82 SEP

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	[illegible]	100.0	100.0	100.0	100.0	100.0	95.7	90.3	78.0	34.3	85.5	300
	[illegible]	100.0	100.0	100.0	100.0	99.3	98.0	94.0	83.7	41.7	87.9	300
	[illegible]	100.0	100.0	100.0	100.0	99.7	98.7	96.0	88.7	46.0	89.0	300
	[illegible]	100.0	100.0	100.0	99.3	97.0	89.7	70.7	38.3	13.0	76.6	300
	[illegible]	100.0	100.0	98.7	89.3	68.7	36.3	17.3	9.0	4.0	58.2	300
	[illegible]	100.0	100.0	98.7	86.0	63.3	34.0	17.3	9.7	4.7	56.5	300
	[illegible]	100.0	100.0	98.0	93.7	85.0	66.3	37.7	11.3	3.7	65.3	300
	[illegible]	100.0	100.0	100.0	99.7	97.0	94.0	87.0	58.7	21.3	81.3	300
TOTALS		100.0	100.0	98.9	96.0	88.8	76.6	63.8	47.2	21.1	75.0	2408

OCEANAV-8M08

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

1[illegible]28	KINGSVILLE, TX	73-82	OCT
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	[illegible]	100.0	100.0	99.7	99.7	98.1	96.1	90.0	75.5	26.1	84.6	310
	02	100.0	100.0	99.7	99.7	99.[illegible]	96.1	91.6	81.3	31.6	86.5	310
	05	100.0	100.0	100.0	100.0	99.7	98.1	93.2	83.9	40.0	88.1	310
	08	100.0	100.0	100.0	99.7	94.5	87.1	66.8	36.8	11.9	75.3	310
	11	100.0	100.0	97.1	85.2	64.5	33.9	17.7	9.0	2.6	56.5	310
	14	100.0	98.4	92.3	79.4	59.0	31.6	14.8	9.0	2.9	53.9	310
	17	100.0	99.4	97.7	93.9	84.2	68.1	43.9	18.1	3.5	66.5	310
	20	100.0	99.7	99.7	99.4	98.1	94.2	85.8	60.6	15.5	81.2	310
TOTALS		100.0	99.7	98.3	94.6	87.1	75.7	63.0	46.8	16.8	74.1	2480

OCEANAV-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

1[illegible]28	KINGSVILLE, TX	73-82	NOV
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	[illegible]	100.0	100.0	100.0	98.3	96.0	91.0	83.3	66.7	34.0	83.4	300
	[illegible]	100.0	100.0	100.0	99.3	96.7	93.7	85.0	73.0	40.7	85.1	300
	[illegible]	100.0	100.0	100.0	99.0	97.0	94.0	87.0	75.0	47.3	86.2	300
	[illegible]	100.0	100.0	99.0	97.3	91.7	84.3	71.3	53.3	26.7	78.8	300
	1[illegible]	100.0	98.0	92.0	83.3	70.3	48.7	24.0	14.7	5.7	58.7	300
	1[illegible]	100.0	95.7	88.3	76.3	58.3	36.3	18.3	7.7	4.3	54.3	300
	1[illegible]	100.0	98.3	94.7	90.0	82.3	69.7	50.7	25.0	7.3	67.3	300
	[illegible]1	100.0	100.0	99.7	96.3	92.7	88.3	77.0	59.0	21.7	79.6	300
TOTALS		100.0	99.0	96.7	92.5	85.6	75.3	62.1	47.1	23.5	74.2	2400

OCEANAV-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]28	KINGSVILLE, TX	73-82	DEC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	[illegible]	100.0	100.0	99.7	98.4	92.2	83.5	71.8	59.[illegible]	31.7	80.1	3[illegible]
	[illegible]	100.0	100.0	99.[illegible]	98.1	93.2	84.2	75.2	63.5	34.5	81.4	310
	[illegible]	100.0	100.0	100.0	98.4	94.2	85.8	75.5	64.2	47.0	82.5	310
	[illegible]	100.0	100.0	100.0	98.4	89.7	82.3	70.6	56.8	29.7	79.3	31[illegible]
	1[illegible]	100.0	98.7	91.0	80.6	63.9	45.2	28.4	19.[illegible]	9.0	59.7	31[illegible]
	1[illegible]	100.0	94.8	82.9	69.0	52.6	37.1	24.5	15.8	8.7	54.5	31[illegible]
	1[illegible]	100.0	97.7	93.5	84.5	74.4	60.5	41.1	26.9	10.4	64.8	3[illegible]9
	[illegible]1	100.0	100.0	99.7	96.8	86.1	79.3	70.6	51.[illegible]	23.9	76.8	309
TOTALS		100.0	98.9	95.7	90.5	80.8	69.7	57.2	44.7	23.5	72.4	2477

OCEANAV-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]	[illegible]VILLE, TX	73-82	ALL

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
[illegible]	ALL	100.0	[illegible]9.2	96.4	91.3	84.2	74.4	63.3	50.[illegible]	33.0	75.6	2478
[illegible]		100.0	[illegible]7.2	93.3	88.7	80.[illegible]	71.0	59.1	46.8	25.8	72.4	2256
[illegible]		100.0	[illegible]7.5	92.3	87.5	80.[illegible]	71.7	60.9	45.1	22.2	72.[illegible]	24[illegible]
[illegible]		100.0	[illegible]8.5	96.3	93.0	87.[illegible]	76.9	64.2	47.9	19.[illegible]	74.2	24[illegible]0
[illegible]AY		100.0	100.0	98.9	96.9	92.3	81.[illegible]	65.7	47.1	18.7	75.8	24[illegible]
[illegible]		100.0	100.0	99.8	98.1	91.3	76.4	59.6	43.6	13.7	73.9	2[illegible]0
JUL		100.0	100.0	99.9	97.9	97.3	71.8	58.2	41.[illegible]	17.8	72.7	2480
[illegible]UG		100.0	100.0	100.0	98.1	87.9	75.3	61.8	46.2	18.8	73.8	2474
[illegible]EP		100.0	100.0	98.9	96.[illegible]	38.8	76.6	63.8	47.2	21.1	75.[illegible]	24[illegible]0
[illegible]CT		100.0	[illegible]9.7	98.3	94.6	87.1	75.7	63.[illegible]	46.8	16.8	74.1	24[illegible]
NOV		100.0	[illegible]9.0	96.7	92.5	85.6	75.3	62.1	47.1	23.5	74.2	2[illegible]0
DEC		100.0	[illegible]8.9	95.7	90.5	80.8	69.7	57.2	40.7	23.5	72.4	2477
TOTALS		100.0	[illegible]9.2	97.2	93.8	86.2	74.7	61.6	46.2	20.8	73.8	292[illegible]5

OCEANAV-SMOS

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

1[illegible] | KINGSVILLE, TX | JANUARY 1973-DECEMBER 1982 | JANUARY |

STATION | STATION NAME | YEARS | MONTH | HOURS L.S.T.

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91					100.0					4	.2
82 TO 86	9.5			23.8	52.4	9.5		4.8		21	.8
77 TO 81	8.8	2.9	1.5	22.1	39.7	14.7	1.5	5.9	2.9	68	2.7
72 TO 76	5.8	3.9	5.8	33.5	42.6	3.9	1.3	2.6	.6	155	6.3
67 TO 71	8.9	4.3	6.8	31.9	36.6	2.1	2.6	4.3	2.6	235	9.5
62 TO 66	13.3	6.5	12.5	22.1	28.9	4.6	1.5	3.8	6.8	263	10.6
57 TO 61	15.4	19.2	10.8	10.8	18.2	3.8	1.7	8.[illegible]	11.9	286	11.5
52 TO 56	29.8	20.4	11.3	10.5	6.4	1.5	1.5	4.4	12.4	275	11.1
47 TO 51	35.1	24.8	6.4	6.1	7.8	1.9	1.4	7.2	9.2	359	14.5
42 TO 46	40.9	26.3	4.3	2.7	3.8	2.7	2.2	6.5	10.6	369	14.9
37 TO 41	32.4	19.5	3.5	.9	1.7	2.2	2.2	8.7	9.1	231	9.3
32 TO 36	21.5	16.9	1.4	.7	3.4		4.7	2.7	8.8	149	6.[illegible]
27 TO 31	58.7	17.4		2.2	2.2		4.3	6.5	8.7	46	1.9
22 TO 26	52.9		5.9			5.9	17.6	5.9	11.8	17	.7
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	19.2	16.6	6.9	12.2	16.0	2.9	2.1	5.7	8.4	2477	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

STATION: 1 [illegible] | STATION NAME: KINGSVILLE, TX | YEARS: JANUARY 1973-DECEMBER 1982 | MONTH: FEBRUARY | HOURS (L.S.T.):

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96					66.7				33.3	3	.1
87 TO 91				11.1	22.2	44.4	22.2			9	.4
82 TO 86	5.1	5.1		25.6	33.3	12.8	2.6	15.4		39	1.7
77 TO 81	6.3	2.7	.9	19.8	46.8	11.7	3.6	4.5	3.6	111	4.9
72 TO 76	10.0	1.9	5.0	37.5	31.3	7.5	1.3	5.0	.6	160	7.1
67 TO 71	9.2	1.7	8.4	35.6	34.3	3.3	.8	4.6	2.1	239	10.6
62 TO 66	11.7	4.9	12.6	35.7	23.4	2.3	1.1	3.7	4.6	350	15.5
57 TO 61	16.9	15.1	17.8	19.9	16.5	1.5	2.6	4.0	5.9	272	12.1
52 TO 56	25.7	20.2	11.8	9.6	9.9	1.8	3.3	8.1	9.6	272	12.1
47 TO 51	31.5	26.9	11.4	3.9	8.2	1.6	4.2	3.2	11.0	309	13.7
42 TO 46	42.5	22.6	5.7	3.1	2.7	3.8	5.4	8.0	6.5	261	11.6
37 TO 41	55.6	17.0	2.2	5.2	.7	.7	4.4	4.4	9.6	135	6.0
32 TO 36	60.8	7.6	1.3		1.3	3.8	3.8	12.7	8.9	79	3.5
27 TO 31	72.2						11.1	11.1	5.6	18	.8
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	24.3	13.1	9.2	18.2	17.0	3.4	3.1	5.3	6.3	2256	100.0

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

12928 | KINGSVILLE, TX | JANUARY 1973-DECEMBER 1982 | MARCH

STATION | STATION NAME | YEARS | MONTH | HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101	50.0	50.0								2	.1
92 TO 96			12.5		12.5	25.0	12.5	37.5		8	.9
87 TO 91	7.3		2.4	17.1	46.3	7.3	7.3	9.8	2.4	41	1.7
82 TO 86	14.8	1.6	4.1	32.8	23.8	6.6	3.3	11.5	1.6	122	4.9
77 TO 81	9.7	4.0	6.6	48.7	19.5	3.1	3.1	4.2	1.3	226	9.1
72 TO 76	4.0	5.2	9.7	45.7	25.8	1.7	1.2	4.3	2.1	422	17.0
67 TO 71	6.2	5.8	15.3	45.1	20.9	1.5	1.4	1.9	1.9	585	23.5
62 TO 66	16.2	11.3	16.4	28.7	16.4	2.2	.7	3.4	7.8	408	16.5
57 TO 61	15.5	23.7	16.0	18.7	11.4	2.7	2.3	2.7	6.8	219	8.8
52 TO 56	29.2	22.0	9.6	8.6	6.7	4.3	5.3	4.8	9.6	209	8.4
47 TO 51	32.9	19.3	5.0	7.1	6.6	4.3	3.6	7.9	13.6	140	5.6
42 TO 46	51.6	4.7	3.1		6.3	4.7	4.7	9.4	15.6	64	2.6
37 TO 41	63.6	4.5		4.5			9.1	9.1	9.1	22	.9
32 TO 36	58.3			9.1	18.2		9.1		9.1	11	.4
27 TO 31	100.0									1	.1
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	19.3	9.8	11.4	31.8	17.9	2.7	2.8	4.4	9.8	2400	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

12926 | KINGSVILLE, TX | JANUARY 1973-DECEMBER 1962 | APRIL | HOURS (L.S.T.)
STATION | STATION NAME | YEARS | MONTH

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101					66.7	33.3				1	.1
92 TO 96	23.1			15.4	38.5	7.7		7.7	7.7	13	.5
87 TO 91	12.1	8.6	5.2	39.7	19.0	6.9	1.7	5.2	1.7	58	2.4
82 TO 86	10.2	7.4	9.7	53.2	13.9	.9	.5	2.8	1.4	216	9.0
77 TO 81	6.0	5.5	15.2	53.8	15.0	1.6	1.6	.8	.5	381	15.9
72 TO 76	4.3	4.0	12.9	52.4	21.7	1.1	.4	1.4	1.8	720	30.0
67 TO 71	12.3	11.4	22.8	32.4	12.9	2.0	.4	1.6	4.5	448	18.7
62 TO 66	21.1	13.9	17.9	16.4	10.9	2.2	1.8	3.6	13.1	275	11.5
57 TO 61	38.5	12.6	13.3	7.4	6.7	3.0	1.5	3.0	14.1	135	5.6
52 TO 56	35.3	12.7	11.8	8.8	2.9	1.0	1.0	7.8	18.6	102	4.3
47 TO 51	31.7	12.2	12.2	2.4	2.4	2.4	9.8	9.8	17.1	41	1.7
42 TO 46	42.9	14.3					28.6		14.3	7	.3
37 TO 41							100.0			1	.0
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	12.6	8.1	15.8	38.8	15.1	1.8	1.2	2.3	5.1	2400	100.0

NAVWEASERVCOM



4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

1??2° | KINGSVILLE, Tx | JANUARY 1973-DECEMBER 1982 | MAY
STATION | STATION NAME | YEARS | MONTH | HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101	22.2		11.1	11.1	55.6					9	.4
92 TO 96	7.9		18.4	47.4	21.1	5.3				38	1.5
87 TO 91	4.3	3.8	15.0	53.1	20.9	1.6	1.2	1.2	1.2	254	10.2
82 TO 86	4.9	4.5	13.7	55.8	18.0	.9	.6	.9	1.3	467	18.8
77 TO 81	3.6	4.7	14.7	57.0	18.4			.3	1.3	632	25.5
72 TO 76	5.8	9.8	18.0	38.6	17.5	.8	1.2	1.5	7.2	656	26.5
67 TO 71	16.7	13.8	19.1	13.3	9.3	2.6	4.8	4.8	16.7	246	9.9
62 TO 66	26.7	16.0	9.2	9.2	6.1	3.1	3.6	5.3	20.6	131	5.3
57 TO 61	28.9	13.2	7.9	2.6	2.6	5.3	5.3	5.3	28.9	38	1.5
52 TO 56	25.0	12.5	12.5		12.5		25.0	12.5		8	.3
47 TO 51								100.0		1	.0
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	7.5	7.5	15.2	43.2	18.1	1.1	1.4	1.7	4.3	2458	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

12929 | KINGSVILLE, TX | JANUARY 1973-DECEMBER 1982 | JUNE | [HOURS (L.S.T.)]

STATION | STATION NAME | YEARS | MONTH

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106					100.0					1	.0
97 TO 101				40.4	59.6					14	.8
92 TO 96	1.1	4.0	8.5	58.8	26.0	.6	.6		1.1	177	7.4
87 TO 91	.8	3.3	14.0	54.0	23.8	.8	.2	.8	2.1	478	19.9
82 TO 86	3.8	4.6	13.4	42.1	32.1	1.7	.8	.2	1.3	477	19.9
77 TO 81	2.4	3.8	10.5	49.8	31.2	1.1	.8	.4	5.2	708	29.5
72 TO 76	8.5	8.3	17.5	16.8	19.9	2.4	1.9	2.6	22.2	423	17.6
67 TO 71	20.5	9.1	8.0	19.2	9.1		3.4	4.5	35.2	88	3.7
62 TO 66	16.7		4.2	4.2	4.2		4.2	16.7	50.0	24	1.0
57 TO 61	16.7							66.7	16.7	6	.3
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	9.2	5.8	13.6	48.2	24.3	1.3	1.8	5.2	8.9	2424	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

12928 | KINGSVILLE, TX | JANUARY 1973-DECEMBER 1982 | JULY

STATION | STATION NAME | YEARS | MONTH | HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106				100.0						1	.0
97 TO 101			9.1	54.5	20.5	9.1	4.5		2.3	44	1.8
92 TO 96	.8	2.2	8.8	60.1	27.0	.3		.8	.6	363	14.6
87 TO 91	.6	1.1	7.3	60.3	26.6	1.5	1.1	.2	1.3	463	18.7
82 TO 86	1.7	1.5	7.1	44.4	41.9	1.9	.2	.4	.9	480	18.9
77 TO 81	1.1	2.1	7.9	43.5	36.0	.9	.7	.1	9.7	751	30.3
72 TO 76	5.0	6.6	9.1	19.7	27.8	1.7	1.6	.8	28.9	363	14.6
67 TO 71	7.4	11.1	3.7	18.5	25.9		3.7	3.7	25.9	27	1.1
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	1.7	2.8	7.7	99.8	28.8	3.8	.8	.4	8.1	2478	100.0

NAVWEASERVCOM



PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)
12929	KINGSVILLE, TX	JANUARY 1973-DECEMBER 1982	AUGUST	

NAVMEASERVCOM 4432-34321

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106		20.0	20.0	20.0					40.0	5	.2
97 TO 101	2.8		25.0	40.4	16.7	5.6			5.6	36	1.5
92 TO 96	.9	3.4	14.4	58.3	19.9	.9	.3		1.8	326	13.2
87 TO 91	2.4	3.4	15.4	54.1	19.3	2.4	.2	1.0	1.7	410	16.5
82 TO 86	4.1	5.0	11.7	39.2	31.2	2.4	1.1	.9	4.5	462	18.6
77 TO 81	4.1	3.3	10.4	37.4	28.0	1.5	.8	1.1	13.2	783	31.6
72 TO 76	12.9	8.9	13.1	11.2	16.6	1.6	3.3	3.3	32.1	427	17.2
67 TO 71	31.0	24.1	10.3		6.9			6.9	20.7	29	1.2
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	5.2	4.3	12.8	38.4	28.4	1.8	1.3	2.8	11.8	2476	100.0

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

12928 (STATION) KINGSVILLE, TX (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) SEPTEMBER (MONTH) (HOURS L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101	50.0		16.7	16.7	16.7					6	.5
92 TO 96	4.0	2.0	16.0	39.2	26.7	3.5	2.0	2.0	4.7	150	6.5
87 TO 91	6.8	9.3	16.7	40.9	20.6	1.8	2.1	.4	1.4	281	11.7
82 TO 86	6.7	18.9	19.0	35.6	19.8	2.6	2.0	3.0	3.6	496	20.7
77 TO 81	10.5	8.8	17.4	27.4	28.6	1.5	2.7	2.0	9.3	602	25.1
72 TO 76	22.8	14.4	9.8	11.7	11.0	1.5	1.5	4.6	22.8	583	24.3
67 TO 71	34.1	16.5	6.3	5.7	4.5	1.7	2.8	13.6	14.8	176	7.3
62 TO 66	60.9	12.1	3.0	3.0	9.1	1.5	7.6	6.1	16.7	66	2.8
57 TO 61	39.3	3.6					3.6	28.6	25.0	28	1.2
52 TO 56	66.7							33.3		12	.5
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	15.9	10.8	14.2	23.0	18.6	1.8	2.3	9.1	18.9	2406	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

12926 (STATION) KINGSVILLE, TX (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) OCTOBER (MONTH) _____ (HOURS L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96		4.3		39.1	43.5	4.3		4.3	4.3	23	.9
87 TO 91	3.3	4.2	10.0	45.0	32.5	3.3		1.7		120	4.8
82 TO 86	4.7	7.5	17.1	38.3	26.2	2.8	.3	.9	2.2	321	12.9
77 TO 81	7.1	10.9	10.4	37.7	27.6	1.8	1.3	1.0	2.3	395	15.9
72 TO 76	12.6	17.2	15.4	22.8	18.4	.8	.2	1.6	11.2	501	20.2
67 TO 71	17.8	19.5	14.7	16.6	8.8	1.7	1.2	3.3	16.4	421	17.0
62 TO 66	26.9	14.2	9.2	7.8	6.4	2.3	2.3	6.9	24.0	346	14.0
57 TO 61	38.1	8.5	6.8	4.0	4.0	2.8	2.8	12.5	20.5	176	7.1
52 TO 56	47.7	7.3	3.7	1.8	.9	6.4	6.4	13.8	11.9	109	4.4
47 TO 51	56.6	3.8					5.7	20.8	13.2	53	2.1
42 TO 46	50.0						14.3	28.6	7.1	14	.6
37 TO 41									100.0	1	.0
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	17.8	12.7	11.9	22.6	16.2	2.1	1.8	4.8	11.0	2480	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

12922 (STATION) KINGSVILLE, Tx (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) NOVEMBER (MONTH) (HOURS L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96	100.0									1	.0
87 TO 91				36.4	36.4	18.2	4.5		4.5	22	.9
82 TO 86	1.6	2.4	5.5	33.1	48.0	5.5	1.6	.8	1.6	127	5.3
77 TO 81	5.0	4.5	9.6	31.5	38.7	5.9	.5	3.2	2.3	222	9.3
72 TO 76	5.8	5.2	12.1	40.5	27.4	1.9	1.9	1.6	3.8	365	15.2
67 TO 71	11.5	12.7	11.9	26.6	21.2	1.1	.8	2.3	11.9	353	14.7
62 TO 66	21.8	15.9	9.7	17.1	14.0	.9	2.8	3.7	14.0	321	13.4
57 TO 61	37.6	18.9	8.7	7.5	4.7	1.2	3.4	4.7	13.4	322	13.4
52 TO 56	46.4	11.2	5.4	5.8	4.9	2.2	2.7	10.7	10.7	224	9.3
47 TO 51	47.6	12.8	3.1	2.2	3.1	.9	3.5	13.2	13.7	227	9.5
42 TO 46	48.4	7.9	.8	1.6	1.6		4.0	19.8	15.9	126	5.3
37 TO 41	45.2	3.2	3.2	3.2	1.6		6.5	22.6	14.5	62	2.6
32 TO 36	40.7	3.7					3.7	22.2	29.6	27	1.1
27 TO 31	100.0									1	.0
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	24.1	10.7	6.0	19.3	17.1	2.0	2.9	6.2	18.2	2400	100.0

NAVWEASERVCOM



4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

1728 — STATION
KINGSVILLE, TX — STATION NAME
JANUARY 1973-DECEMBER 1982 — YEARS
DECEMBER — MONTH
HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91	20.0				20.0	60.0				5	.2
82 TO 86	5.9			2.9	76.5	8.8	2.9	2.9		34	1.4
77 TO 81	5.2	1.0		19.6	60.8	5.2	3.1	4.1	1.0	97	3.9
72 TO 76	7.0	7.0	6.4	27.9	39.5	5.2	2.3	4.1	.6	172	6.9
67 TO 71	11.1	8.9	6.3	29.5	33.9	2.6	2.2	3.3	2.2	271	10.9
62 TO 66	14.9	11.9	11.9	17.3	25.4	2.4	2.1	4.2	9.9	335	13.5
57 TO 61	21.8	18.4	10.9	12.1	15.6	2.8	1.6	5.0	11.8	321	13.0
52 TO 56	41.6	13.7	8.7	6.1	7.1	2.8	2.9	7.1	10.5	380	15.3
47 TO 51	48.1	13.0	2.9	3.8	3.8	2.1	3.2	9.7	13.3	339	13.7
42 TO 46	48.4	10.6	1.3	1.9	4.1	3.4	3.8	14.1	16.6	320	12.9
37 TO 41	52.2	14.6	.6	1.3	1.9	3.2	3.8	11.5	10.8	157	6.3
32 TO 36	48.6	2.9					2.6	22.9	17.1	35	1.4
27 TO 31	57.1							42.9		7	.3
22 TO 26							33.3		66.7	3	.1
17 TO 21								100.0		1	.0
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	29.7	11.7	6.1	11.7	17.6	3.1	3.8	7.8	9.8	2477	100.0

NAVWEASERVCOM



4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)
1[illegible]24	KINGSVILLE, TX	JANUARY 1973-DECEMBER 1982	ALL	

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106		14.3	14.3	28.6	14.3				28.6	7	.0
97 TO 101	5.9	.8	12.7	42.6	28.0	5.9	1.7		2.5	118	.4
92 TO 96	1.9	2.7	11.3	54.4	24.9	1.5	.5	.9	1.8	1102	3.8
87 TO 91	2.9	3.7	12.1	51.4	23.8	2.4	1.1	1.0	1.5	2145	7.3
82 TO 86	5.4	5.4	12.2	41.1	28.6	2.5	1.0	1.8	2.1	3257	11.1
77 TO 81	4.9	4.9	11.0	41.2	27.5	1.9	1.2	1.3	6.1	4976	17.0
72 TO 76	9.0	8.3	12.5	37.3	21.8	1.8	1.4	2.6	12.4	4987	16.9
67 TO 71	13.1	10.6	13.4	27.9	19.3	1.9	1.7	3.6	8.7	3116	10.7
62 TO 66	19.0	11.4	12.3	19.4	16.8	2.3	2.0	4.4	12.4	2519	8.6
57 TO 61	25.3	17.0	11.6	11.5	11.3	2.5	2.4	6.2	12.2	1803	6.2
52 TO 56	36.0	16.1	9.1	7.5	6.7	2.5	3.2	7.7	11.1	1591	5.4
47 TO 51	39.7	19.0	5.9	4.3	5.2	1.9	3.3	8.6	12.0	1467	5.0
42 TO 46	43.6	17.6	3.3	2.2	3.4	2.8	4.0	10.8	12.1	1161	4.0
37 TO 41	52.5	15.4	2.3	2.3	1.5	1.8	3.9	9.9	10.3	609	2.1
32 TO 36	57.7	11.0	1.0	.7	2.7	1.0	5.0	9.3	11.7	300	1.0
27 TO 31	54.0	10.7		1.3	1.3		5.3	10.7	6.7	75	.3
22 TO 26	45.0		5.0			5.0	20.0	5.0	20.0	20	.1
17 TO 21								100.0		1	.0
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	15.8	9.4	10.9	28.9	19.4	2.1	1.8	3.7	8.4	29[illegible]	100.0

NAVWEASERVCOM

NOCD, Federal Building
Asheville, N. C.

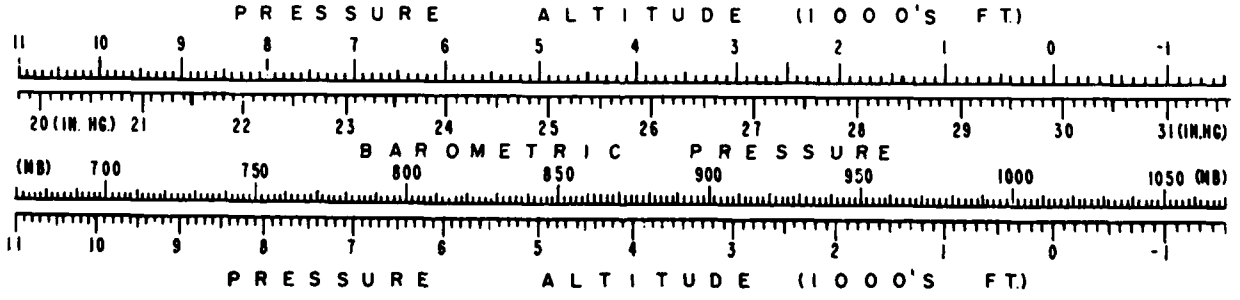
PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.

2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



F

MEANS AND STANDARD DEVIATIONS

EA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

STATION	STATION NAME	YEARS
[illegible]	KINGSVILLE, TX	73-82

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
[illegible]	MEAN	1020.5	1020.2	1014.9	1014.8	[illegible]12.3	1014.1	1015.6	1015.3	1014.6	1017.3	1019.0	1019.8	1016.5
	S. D.	6.886	6.788	6.172	5.732	4.555	3.194	2.395	2.539	3.283	4.719	6.057	6.801	5.791
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
	MEAN	1019.9	1019.4	1014.2	1013.7	1011.3	1013.4	1015.0	1014.7	1014.0	1016.7	1018.3	1019.3	1015.8
	S. D.	6.968	6.847	6.211	5.763	4.544	3.176	2.412	2.683	3.360	4.782	6.152	6.856	5.842
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	1020.0	1019.7	1014.5	1014.2	1011.9	1013.9	1015.4	1015.1	1014.4	1017.2	1018.6	1019.3	1016.2
	S. D.	7.010	6.776	6.201	5.765	4.585	3.218	2.402	2.908	3.427	4.866	6.216	6.923	5.848
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	1021.7	1021.3	1016.2	1015.7	1013.1	1014.9	1016.4	1016.1	1015.6	1018.7	1020.3	1021.0	1017.6
	S. D.	7.121	6.858	6.236	5.782	4.606	3.187	2.435	2.747	3.463	4.984	6.207	6.975	5.964
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	1021.3	1021.1	1015.9	1015.2	1012.6	1014.5	1016.0	1015.6	1015.1	1018.0	1019.5	1020.4	1017.1
1	S. D.	7.118	6.909	6.273	5.795	4.631	3.248	2.453	2.634	3.479	5.029	6.235	7.031	5.990
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	1018.6	1018.3	1013.1	1013.2	1011.0	1013.1	1014.4	1013.9	1013.1	1015.8	1017.2	1017.9	1015.0
	S. D.	7.079	6.871	6.294	5.771	4.689	3.300	2.434	2.629	3.427	5.024	6.226	6.996	5.833
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	1018.9	1018.2	1012.8	1012.7	1010.3	1012.3	1013.7	1013.4	1012.9	1015.9	1017.5	1018.2	1014.7
	S. D.	7.065	6.869	6.266	5.738	4.636	3.272	2.504	2.603	3.415	4.998	6.242	6.865	5.957
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
	MEAN	1020.3	1019.7	1014.4	1014.3	1011.8	1013.4	1014.8	1014.6	1014.4	1017.3	1018.9	1019.6	1016.1
1	S. D.	7.080	6.753	6.133	5.719	4.538	3.229	2.394	2.548	3.327	4.846	6.286	6.737	5.893
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
	MEAN	1020.1	1019.7	1014.5	1014.2	1011.8	1013.7	1015.2	1014.8	1014.3	1017.1	1018.7	1019.5	1016.1
ALL HOURS	S. D.	7.101	6.906	6.309	5.828	4.670	3.317	2.572	2.792	3.503	4.988	6.254	6.954	5.964
	TOTAL OBS	2440	2256	2480	2400	2480	2400	2480	2480	2400	2480	2400	2477	29213

MEANS AND STANDARD DEVIATIONS

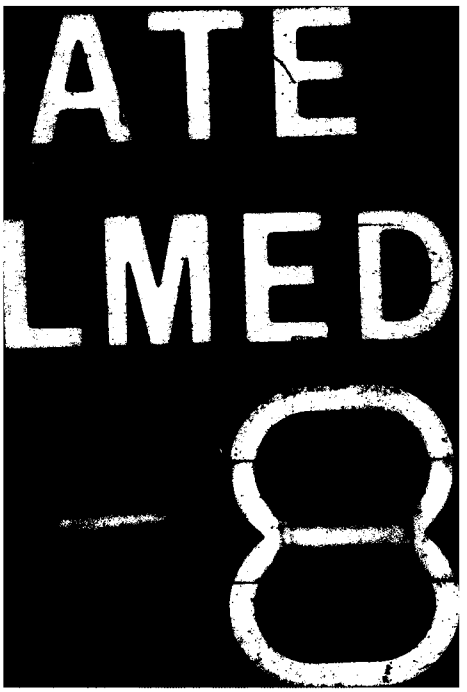
STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

12924 KINGSVILLE, TX 73-82

STATION STATION NAME YEARS

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00	MEAN	30.079	30.070	29.914	29.911	29.838	29.891	29.935	29.926	29.905	29.985	30.034	30.061	29.962
	S. D.	.204	.201	.163	.169	.135	.095	.072	.076	.097	.139	.179	.202	.171
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
03	MEAN	30.062	30.048	29.893	29.879	29.8[illegible]	29.869	29.917	29.908	29.887	29.968	30.015	30.043	29.941
	S. D.	.206	.202	.164	.171	.135	.094	.072	.080	.099	.142	.182	.203	.174
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
06	MEAN	30.063	30.056	29.903	29.894	29.827	29.884	29.929	29.918	29.899	29.983	30.029	30.045	29.951
	S. D.	.208	.200	.164	.171	.136	.095	.071	.086	.101	.144	.184	.205	.173
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
09	MEAN	30.112	30.104	29.952	29.938	29.861	29.915	29.959	29.951	29.936	30.026	30.072	30.093	29.993
	S. D.	.210	.203	.165	.171	.136	.095	.073	.082	.103	.147	.184	.207	.177
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
12	MEAN	30.103	30.096	29.939	29.924	29.845	29.902	29.945	29.936	29.920	30.006	30.051	30.078	29.978
	S. D.	.211	.204	.166	.171	.137	.097	.073	.079	.103	.149	.184	.208	.177
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
15	MEAN	30.023	30.014	29.862	29.864	29.799	29.860	29.900	29.884	29.860	29.942	29.983	30.004	29.916
	S. D.	.209	.203	.167	.170	.139	.098	.076	.078	.101	.149	.184	.207	.173
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
18	MEAN	30.032	30.011	29.852	29.849	29.777	29.837	29.878	29.868	29.856	29.945	29.992	30.013	29.909
	S. D.	.209	.203	.165	.170	.137	.097	.075	.077	.101	.148	.185	.202	.176
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
21	MEAN	30.073	30.056	29.899	29.897	29.821	29.871	29.910	29.905	29.899	29.986	30.033	30.052	29.950
	S. D.	.209	.199	.162	.169	.134	.096	.072	.076	.098	.145	.184	.200	.175
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
ALL HOURS	MEAN	30.068	30.057	29.902	29.895	29.822	29.879	29.922	29.912	29.895	29.980	30.028	30.049	29.950
	S. D.	.210	.204	.167	.172	.138	.099	.077	.083	.104	.148	.185	.206	.177
	TOTAL OBS	2480	2256	2480	2400	2480	2400	2480	2480	2400	2480	2400	2477	29213

NAVWEASERVCOM


ATE
LMED
8